

66. DRUG & CHEMICAL MARKETS

Established 1914

A Weekly Business Paper and Prices Current on
Chemicals, Drugs, Colors, and Aromatics

VOL. XVIII

NEW YORK, FEBRUARY 11, 1926

No 6

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In This Issue { *Industrial Alcohol
America's Customs Inquisition*

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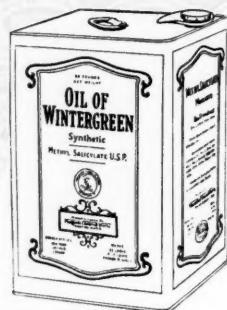
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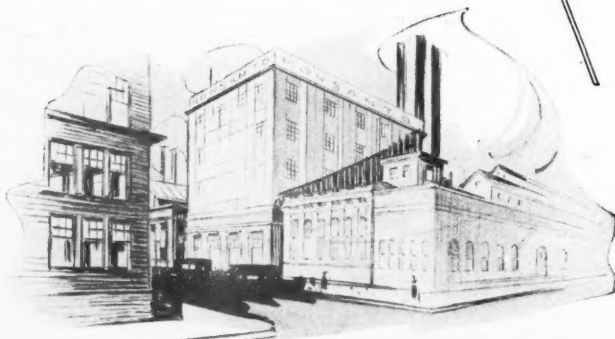
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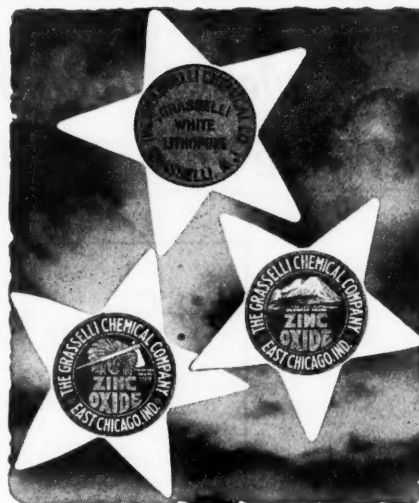
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DRUG & CHEMICAL MARKETS

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Protection or Espionage

CERTAIN industries are essential to the safe and profitable existence of the modern nation. As has been so often pointed out, several branches of the chemical and drug industries fall inevitably within this classification. Serious differences in money and labor values create in different countries marked differences of production costs, and unless we are willing to cut the costs in many big industries employing much labor by whitening down our American standards of living, we must equalize those values. Within this group of industries are some of the largest consumers of drugs and chemicals.

UPON this foundation of practical fact is based our belief in the necessity of a protective tariff. We are well aware that the interests of the ultimate consumer and each of us, as an individual, is an ultimate consumer—are best served when raw materials move freely from their sources of most advantageous supply and finished goods are manufactured at the most favorable geographic point, all quite regardless of the political boundary lines that checker the earth's map. Theoretically, universal free trade is ideal.

But we face facts not theories; and believing in the necessity of protection, we have vigorously sponsored the tariff. No other paper in our field, so our friends among the importers delight to remind us, has been so outspokenly and wholeheartedly a protagonist of American manufacturers. We are proud to have earned that reputation. Our tariff convictions are clear-cut and sincere, and when the issue is again raised in Congress, we shall fight

with might for equitable, adequate protection for American key industries.

FACING facts frankly and impartially is an illuminating experience, and we have never blindly subscribed to each tariff theory or to every tariff practice. We were at pains to point out the ridiculous attitude of that trade association which with one hand begged Congress for a prohibitively high tariff on perfumes and with the other tried to knife the tariff on synthetic aromatic chemicals. The dishonesty of the importer who, before standards were set, brought in competitive dyes by masquerading them under fanciful names is neither better nor worse than the dishonesty of manufacturers who inflated American values to raise the rate of tariff. We have criticised both practices. From time to time we have called attention to the evils attendant upon the industrial spy system into which our Treasury Agents abroad have naturally degenerated. One of the most influential of the French Senators tells American business men, on another page of this issue, just what the business men of Europe think of this tariff espionage of ours. He is vastly more polite than we should be under similar provocation.

Without doubt the purpose of the law is to set our tariff rates equitably upon a basis of comparative costs. Good intentions do not, however, excuse the rashly tactless method employed nor can they guarantee the honesty of the results obtained. Tariff rates based on American valuations have their own disadvantages; but far better American valuation, honestly administered, than rates made by espionage which breeds international ill will and puts a high premium on dishonesty.

RUSSIAN INFLUENCE ON DRUG PRICES

The partial return on the part of Soviet Russia to a recognition of individual initiative and enterprise is bound to have a far-reaching effect in practically all industries of the world. When a population the size of the Russian peasantry can enter the markets of the world on an equitable basis to sell their products and buy the products of the rest of the world, a turn in the tide of trade will be noticeable. In the drug and chemical industry this has already made itself apparent in many ways. Lycopodium and ergot, both largely produced in Russia, have attracted considerable attention. Prices previously low are much harder to obtain because they were not sufficiently remunerative. Ergot has been low in this market but replacements are considerably higher. Russia was formerly a large consumer of lemon juice, but that trade had fallen off to a large extent during the last few years. Now, however, Russia is again buying lemon juice and this fact, coupled with a shorter crop than usual, is tending to advance the price of lemon oil, at a time when it would normally be expected to decline, that period just after the harvesting of the new crop and just at the beginning of the buying season. A certain shade of the balance of trade is quite evidently swinging toward Russia. Will the Committee in Leningrad recognize the advantages of permitting individuals to take what they earn, or will they again attempt to stem the economic tide?

NATURAL AND SYNTHETIC DEMAND

That synthetic products which serve the purpose of natural products destroy the markets for the natural products would naturally be supposed to be the case. But this is far from the truth as statistics of the various industries prove. A synthetic product of identical chemical nature does to some extent restrict increased output of the natural product, but where the product produced from synthetic sources is of different chemical structure and serves the purpose better in some applications and not as well in others, an increased demand is practically always found for the natural product.

The recent expansion of the lacquer industry following the discovery of mass production of butyl alcohol upon its recognition as the suitable solvent for nitro-cellulose, and also following the discovery of the means of producing a low viscosity nitro-cellulose, has not in the least restricted the imports of varnish gums or oils. On the contrary these imports have increased to a very marked extent during 1925, and the varnish industry has just closed what is regarded as the most prosperous year in its history. That the lacquer industry has expanded is generally known, but new uses are being found for both varnishes and lacquers due to the intensive research on the part of lacquer manufacturers to extend the scope of their field, and also due to the varnish manufacturers similarly undertaking research to prevent the lacquer industry from encroaching on their outlets.

A multitude of examples similar to the varnish and lacquer conflict could be pointed out. The rayon industry has not caused any falling off in the imports of natural silk, the discovery of bakelite has increased the demand for amber; the discovery of pyroxylin did not restrict the demand for ivory and so on.

The one thing that synthetic production does is to prevent prices from advancing due to the natural growth of the world which must bring about a steadily increasing demand and smaller areas of cultivation. The results of scientific investigations are far more permanent than the rewards from attempts to bring about cultivation of natural products in lands in which they were never grown; and, when the economically possible method of production is finally discovered, the question of future supplies is settled once and for all no matter to what extent the industry expands.

The number of factory employees in November in New York state increased to 1,349,000 and the wages paid to men averaged \$32.45 per week, the highest in five years. Women's wages averaged \$17.85. No more accurate or satisfactory proof of prosperity could be asked.

Perhaps you have read about the plans of the Government to reduce the waste in industry. How about the waste of time by Congress in passing important legislation? There is a saying about "Taking your own medicine"; Why not try it?

Ten Years Ago

(From Drug & Chemical Markets, Feb. 9, 1916)

John D. Park & Sons Co., Cincinnati, O., has filed a suit in the United States District Court in New York against Schieffelin & Co., Charles N. Crittenton Co., John L. Thompson Sons & Co., Polk & Calder Drug Co., and the individual members of Bruen, Ritchey & Co., R. W. Robinson & Son, and others, asking damages in the treble sum of \$1,500,000, under the Sherman anti-trust law.

Leading manufacturers of glycerin have lowered prices on refined to 52c a pound for chemically pure in drums and to 53c in cans. Dynamite grade is being offered at lower figures down to 48c@50c a pound.

B. L. Murray, chief chemist of Merck & Co., New York and Rahway, N. J., in discussing the subject "American Chemical Manufacture After the War," told the members of the National Association of Manufacturers of Medicinal Products at their convention in New York, last week that everything points to a successful development of this industry.

Butterworth-Judson Co., Inc., manufacturer of heavy chemicals and acids, has moved its office from 60 Wall st., to 61 Broadway, occupying six hundred square feet on the thirty-second floor.

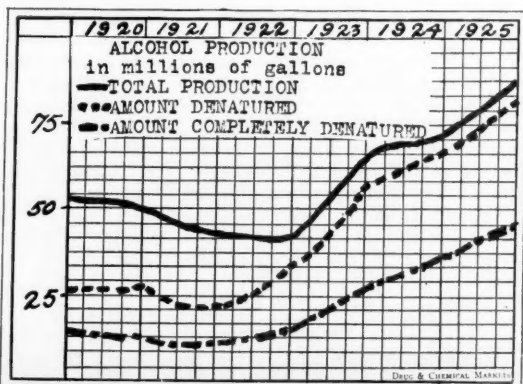
A. C. Robertson, drug and chemical broker, has leased for a term of years the four-story building at 106-8 Beekman st. For twenty years Mr. Robertson was connected with the New York branch of Mallinckrodt Chemical Works, but recently he embarked in business for himself, doing a brokerage business in drugs and chemicals and meeting with immediate success.

INDUSTRIAL ALCOHOL

THE production and use of ethyl alcohol have made a radical advance in the past few years in spite of the numerous Government restrictions made and attached to its sale and handling. To many minds, not closely associated with the chemical industry, this is taken as an indication of the increasing use of illicit liquor. However, a careful analysis of the situation reveals to the open mind, what practically the whole chemical industry already knows, namely that while there is a certain portion of alcohol diverted for illegal uses, that channel by no means accounts for the rapid growth of the market. The legitimate uses of industrial alcohol are not only increasing in number but, each one is expanding within itself, as any healthy business will, and consuming more of the raw materials needed. Even as it is, the increase in the production of denatured alcohol has by no means kept pace with the increase of production of a number of other items, of which there can be no question of illegitimate use.

More Alcohol Denatured Yearly

Each year finds more and more of the pure ethyl alcohol going into denatured, as the industries are learning that they can use certain formulas without deleterious effects to their products. Not only does this make a great deal of difference in the amount of Government supervision of their operations, and cut away some of the "red tape," but it also materially lowers their costs, as they do not have to pay the Government tax of \$4.18 a gallon, which is levied on the pure alcohol. Hence the sale of pure alcohol outside denaturing plants has fallen off to a great extent as the use of the denatured grades increased. The use of pure tax paid alcohol declined steadily from 18,400,000 gallons in 1921 to 4,500,000 gallons in 1925. This decrease was considerably enhanced by the approval of specially denatured formulas and their adoption by certain manufacturers who could not use completely denatured alcohol. This is notably true of the perfumery and toilet preparations manufacturers.



Government statistics show that there has been a rapid expansion in the production and use of alcohol during the past six years, and analysis of the situation shows the charge that a large portion of this has been diverted to illegal uses is unsound. The amount of alcohol left undenatured is steadily decreasing while the amount denatured, both completely and according to special formulas, is on the increase. The rapid development of synthetic processes of chemical manufacture has added greatly to the demand and use of industrial alcohol.

One of the principal factors contributing to the expansion of the use of ethyl alcohol, has been the rapid growth during the past few years of synthetic manufacture of substitutes for natural products. In some cases ethyl alcohol has been used as a solvent, while in others it has not entered directly into the finished product but any number of ethyl esters and solvents have been required and they have produced a large demand for denatured alcohol.

Analysis of Government Report

An analysis of the figures contained in the annual report of the Commissioner of Internal Revenue for the fiscal year ending June 30, 1925, reveals some interesting facts with regard to the growth of the production, use, and rapid turnover of grain alcohol. The amount of pure ethyl alcohol withdrawn from bond during that period was 85,352,700 wine gallons as compared with 71,634,800 gallons during the previous year. The total amount produced was 87,455,500 gallons, as compared with 71,525,100 during the fiscal year 1924. In neither case was the inventory at the end of the year much over 5,000,000 gallons. Over one third of the production was from Louisiana with Maryland furnishing 18 per cent, Pennsylvania 11 per cent and other producing states turning out comparatively small amounts. In addition to the above production, it has been estimated that the Philippine Islands produced 2,300,000 gals. Over the six year period, beginning with 1920 and ending with 1925, total production showed a reduction during the first three years, but a much more rapid advance during the latter three years, as can be seen on the accompanying chart.

As mentioned above and shown in the chart, the part of the pure alcohol produced which was denatured, has steadily increased. Although there was a drop in 1921 of the amount denatured, it represents an increased percentage, as the drop in total alcohol production was much greater than the drop in the amount denatured.

The chart also shows quite clearly the decreasing demand for pure ethyl alcohol, as the difference between total production and total denatured is steadily decreasing. That there has been a steady increase in the demand for both completely denatured and specially denatured (as the ever widening difference between total denatured alcohol and completely denatured alcohol shows an ever widening spread) accompanying the increasing amount of alcohol completely denatured is also clearly illustrated.

The total amount denatured in 1925 was 81,808,300 wine gallons of which 1,348,600 was denatured in the distillery direct, and the rest withdrawn from bonded warehouses and denatured by denaturing plants. This compares with 67,687,300 denatured in 1924 of which 661,300 were denatured in the distilleries. Again Louisiana figures the largest, denaturing one quarter of the total with Maryland, Illinois, Pennsylvania and New York coming next in the order named. Of the denatured alcohol produced, 46,984,000 gallons were com-

pletely denatured and the remainder were specially denatured by the various formulas.

Distribution of Specially Denatured Grades

Of the completely denatured grades, Formula number 5 was the most called for, as over 36,000,000 gallons went into this formula. Formula number six, which has since been discontinued, was next with almost 8,750,000 gallons, while all other completely denatured formulas combined accounted for a little over 1,500,000 gallons. Of the specially denatured grades formulas number 39b and 1, used by the perfumer and toilet preparations, and shellac and varnish trades respectively both used over 7,000,000 gallons. Almost 6,750,000 gallons were converted into Formula number 2b, used for pyroxilin and nitro cellulose. Formula number 40, used by the perfumery and high grade toilet preparations industries accounted for over 2,000,000 gallons. Amounts used for other formulas are roughly as follows: 39a, barber supply preparations, 1,500,000 gallons; 13a, sulfuric ether, 18, vinegar and acetate of lime, and 4, tobacco products, each slightly over 1,000,000 gallons; 3a, shampoo jellies and transparent soaps, 35a, pectin, and 23a, lotions and liniments,



Portion of the Westwego Plant of the Kentucky Alcohol Corp., Showing the Distillery and Yeast House in the Background and the Bonded Warehouse in the Foreground

between 300,000 and 800,000 gallons; and all other formulas 3,879,400 gallons. Of these, formulas 39b, 2b, 40, and 4 showed a steady increase during the past three years, while formulas 39a, 13a, and 35a showed a steady decrease and others showed varying changes.

The Anti-Freeze Market

The largest single use of alcohol is as an anti-freeze for automobile radiators. During the fiscal year 1925, something like 28,000,000 gallons were used for this purpose and the motor vehicle registration for that period was 17,592,000. The registration of cars and trucks in the calendar year 1925 was something over 20,200,000, of which an increasing percentage are closed cars. This means more winter driving, with an increased demand for an anti-freeze liquid. Although the supremacy of alcohol in this field has been challenged to a certain extent, it has been estimated by John J. Carroll, of the Kentucky Alcohol Corporation, whose figures form the basis for the report of the Commissioner of Internal Revenue, that something like 36,850,000 gallons of alcohol will be used for that purpose during the current fiscal year, an increase in that field of over twenty-five per cent.

The consumption of molasses in the production of alcohol follows more or less closely the production figures. Consumption in 1921, was 111,557,868 gallons, in 1922 it was 89,114,070 gallons, 142,229,577 in 1923, 149,770,690 gallons in 1924 and 187,397,844 gallons in 1925. The distribution of this consumption by states, follows the production of alcohol figures.

CHECK ACCIDENTS BY EDUCATION

Lewis A. DeBlois Explains Method Employed By National Safety Council

"Safety Education as Basis of All Accident Prevention Work" is the title of a circular issued by the National Safety Council, Chicago and written by Lewis A. DeBlois, past president of the Council. It enumerates the three principal methods by which accidents can be prevented, which are as follows: Through protection, or "guarding"; through education, so that the hazard may be recognized and avoided and thirdly by elimination or reduction of the hazard itself.

The first method is both convenient and cheap, but its success depends entirely on the degree to which the safety education is carried. Education completely imparted and enforced, minimizes the possibility of accident.

On the other hand the third method while slower and more expensive is fully as productive. This method deals with the correction of the hazard at its source and necessitates the careful study of labor from the standpoint of intelligence, working conditions, size of the plant and the economic condition of the industry. In this connection it will be well to keep in mind the fact that only 77% of our population is native and only 55% of native parentage; in the 12 months ending June 1924, we admitted 707,000 alien immigrants of whom 10,000 were entirely illiterate; only 1/2% of the entire manufacturing establishments in the country employ 1,000 workers or more. 92% employ less than 101 workers; industry is rapidly becoming mechanical.

DECEMBER METHANOL OUTPUT IS LESS

(Special to DRUG & CHEMICAL MARKETS)

Washington, D. C., Feb. 10—More than 596,690 gallons of crude methanol were purchased in the United States in December, compared with 597,836 gallons in November, according to the Department of Commerce. During December 771,827 gallons were consumed in the United States, and in Canada 47,391 gallons were consumed. Stocks on hand at the end of December in the United States totalled 792,357 gallons while stocks on hand in Canada at the same time amounted to 15,300 gallons. During December also 608,152 gallons of refined methanol were produced in the United States, and 45,555 gallons in Canada, and in the same month there were 557,812 gallons of refined methanol on hand in the United States and 54,915 gallons in Canada.

PROHIBITION'S COLLECTIONS WERE \$640,142

Collections under the prohibition laws, which include taxes, penalties, offers in compromise, costs, fines, etc., for 1925, amounted to \$640,142, and for 1924 to \$680,975. Collections under the narcotic laws for 1925 amounted to \$1,087,391.32, and for 1924 to \$1,076,073.92. Such collections include special taxes paid by importers, manufacturers, compounders and dealers in opium, coca leaves, etc., the tax of one per cent per ounce or fraction thereof on the product, and payments of assessed penalties, offers in compromise, fines, etc.

Receipts from non-beverage spirits, including collections from the sale of stamps affixed to spirit packages withdrawn from bonded warehouses, payments on account of taxes, penalties, etc., amounted in 1925 to \$23,192,614.20, compared to \$23,876,232.97 for 1924.

McKesson & Robbins have appointed Ralph H. Aronson general manager. Mr. Aronson was vice-president and treasurer of V. Vivaudou.

America's Customs Inquisition

By EDOUARD NERON,
Senator of the French Republic

FRENCH exporters are protesting vigorously, and with excellent cause, against the vexatious inquiries that American Treasury agents are making in this country. Their protests find an echo in our press and have been brought before our Government by our leading commercial and industrial organizations.

Such investigations are not new so far as the United States is concerned. Indeed, a special commission, established after the Franco-American Commercial Treaty of 1908 was signed to adjust tariff controversies between the two countries, inquired into the activities of these agents, as a result of formal complaints presented to it by French exporters of perfumery, porcelain, lace, and furnishing-goods.

But the inquisition complained of before the war was not expressly provided for by statute. The United States Tariff Act of October 1913 merely imposed a surtax of fifteen per cent ad valorem on merchandise imported into the United States from firms refusing to give the required information, while the present law prohibits such importation and makes goods brought into the country in violation of this prohibition liable to forfeiture.

Methods Employed By American Agents

What is the procedure of these agents? A letter of protest addressed to the American Consul at Marseilles by the Board of Trade of that city states that certain merchants there had been disagreeably surprised at receiving a call from a United States Treasury agent, who insisted upon verifying the prices on the invoices of certain goods shipped to America, upon comparing those prices with the prices of goods sold in France, and upon convincing themselves that the sums received by the selling firm were the same as the sums indicated in the invoices to their American customers. These agents were not satisfied with mere verbal assurances on these points. They demanded the right to copy the invoices of goods sold to American and French customers and of checking them by actual remittances. After having visited the exporting houses, the American agents visited certain factories in Paris and elsewhere to check the invoices still further.

The American Government does not limit itself to trying to prevent fraud. American Consuls have addressed an elaborate questionnaire to business houses in their respective districts that deal regularly with America. As the president of the Paris Chamber of Commerce pointed out in a letter to the American Consul General in France, the nature of this questionnaire is such as to create the impression that it was designed to serve as a still further check upon the data gathered by American Treasury inquisitors.

Seek to Buy Confidential Information

Last of all, our merchants have protested indignantly against another practice—that of buying a quarter- or a half-page of advertising-space in our large city dailies, and even in country newspapers, for the purpose of inviting employees of jewelry houses selling to American tourists to betray the secrets of their masters. These advertisements are inserted by the American Jewelers Protective Association in order to prevent smuggling, and offer rewards reaching a maximum of fifty thousand dollars, or nearly a million francs, for information leading to conviction.

From "Revue Politique et Parlementaire" (Paris independent political-affairs monthly), November 10, 1925.

Other countries, particularly Great Britain, Switzerland, and Scandinavia, take the same attitude that we do. The United States Government has suggested that they appoint their own appraisers to ascertain prices paid by American purchasers. British manufacturers indignantly rejected this proposal and refused bluntly to disclose the data demanded. According to rumor, the authorities at Washington have threatened to prohibit the importation of all products coming from British houses who refuse to submit to this inquisition. Switzerland has not replied to America's suggestion. In Scandinavia, the Fifth Congress of Merchants of Denmark, Sweden and Norway adopted unanimously a resolution protesting against the appointment of American Treasury agents commissioned to inspect their books for the purpose of learning the prices they receive for their goods and their methods of production.

Attempted Justification By Consul General

The American Consul General at Paris has tried to justify the activities of these agents. He pointed out that, of a total of one and a half million separate consignments shipped to the United States by the merchants of the entire world during 1924, only fourteen hundred had been made the object of inquiry abroad. The Chamber of Commerce replied that the number of cases did not affect the principle; that it could not admit the right of the United States to make a single investigation in France which our own Government was not authorized to make. That body added that it was unworthy the dignity of a free country to permit foreigners to exact information from its merchants and manufacturers that American merchants and manufacturers would certainly refuse to furnish French officials.

The American Consul General also emphasized the strictly confidential character of these investigations. But can a government guarantee the absolute trustworthiness of its agents? The Consul stated, further, that if the present system proved impossible of application the United States would have to resort to the imposition of ad valorem duties based upon the value of goods in the American market.

Should that measure be adopted, the present investigations would of course be suspended as unnecessary. But our trade would suffer severely.

Action By French Government

Our own Government has expressed its views upon this subject on several occasions. In April 1924 the Foreign Minister wrote to the Chamber of Commerce at Paris as follows: "The French Government has not failed to call the attention of the Government of the United States to the illegality under French law of the measures provided in the Fordney Bill, which are furthermore contrary to the principles of international law. I can only advise your members, therefore, to refuse any demands of this character that are presented to you, in case they are repeated." More recently our Foreign Office has considered measures of retaliation, such as directing French agents to investigate the financial standing of American banks having branches in France. But the Paris Chamber of Commerce disapproved such action on the ground that reprisals toward a friendly nation would, by placing France in the same position as the United States, deprive her of all right of protest, and possibly start a series of retaliatory acts on both sides which would injure the trade of one country as much as that of the other. Such measures should be taken only as a last resort.

We see, therefore, that the Government of France and the Governments of other nations have repeatedly disapproved the investigations conducted by American Treasury agents abroad, and have advised their merchants and manufacturers not to consent to them. Nevertheless, the practice continues because our exporters fear lest they be excluded from the American market. But they wonder if some method cannot be worked out that will reconcile the interests of both parties. Several suggestions have been made in this direction.

Suggested Remedies

The Paris Chamber of Commerce has proposed that the American Ambassador be notified by our Government that the exequaturs of any agents of his country who insist upon examining the books, invoices, or other business papers of French merchants or manufacturers will be canceled, and that any agent without an exequatur who commits this offense will be expelled from French territory. Those would be extreme measures, to be adopted only as a last resort. The Chamber has also suggested that the Government of the United States might prevent customs fraud by exercising the right to purchase at the declared valuation any goods that it suspected of being under-invoiced. We should point out, however, that France formerly exercised that power and abandoned it on account of the serious abuses it invited. The same abuses would inevitably arise sooner or later in the United States.

The president of our National Association of Jewelers and Goldsmiths has made another suggestion to the effect that the American Treasury might obtain its information regarding valuations by applying directly to our Chambers of Commerce, instead of exporters and manufacturers, and that the latter might make their own investigations. This proposal was discussed not long ago at a meeting of the presidents of the various associations of industries producing and dealing in luxury goods. But it was opposed on the ground that it merely shifted the investigation to a new authority, while the members refused to recognize the right of anybody to inquire into their private business.

Last of all, one of our principal commercial reviews, "Les Echos," advocates a concerted official protest by the principal powers interested, and recommends retaliatory measures if it does not receive consideration from the American Government. This action has also been recommended by a general meeting of French merchants and manufacturers. At that meeting a representative of our Department of Commerce proposed two measures: first, that something be done immediately to render more tolerable the activities of American Treasury agents, such as arranging to have information furnished by a Central Committee instead of by individual firms. Next it was proposed that France, in co-operation with the other European Powers, bring friendly pressure to bear upon the Government of the United States to withdraw these agents. He thought that our friends across the Atlantic would retalize, if joint action were taken in the matter, that their own interests demanded concessions on their part. The question must be discussed on a purely business basis, putting all sentimentality aside. If our efforts at an amicable settlement prove futile, we should be forced as a last resort to take retaliatory measures, especially against American goods entering our country. We should be quite justified in doing so if we could show that American exporters were treated with decidedly more consideration in France than French exporters are in America.

Inequitable Trade Balance

In fact, this difference in treatment goes far to ex-

plain why the value of North American products imported into France has almost doubled since 1913, rising from \$146,000,000 to \$281,000,000, while French exports to the United States have remained almost stationary, being only \$147,000,000 today as compared with \$136,000,000 before the war. American duties are very high, and practically exclude many of our products. It is easy to see that these high rates of duty, plus the inquisitorial procedure of American agents in France, represent a very serious handicap to our trade.

COURT RESTORES ALCOHOL PERMITS

(Special to DRUG & CHEMICAL MARKETS)

Philadelphia, Feb. 8.—Alcohol withdrawal permits of two chemical companies, which were cancelled recently by L. C. Andrews, have been restored by Judge O. B. Dickinson of the U. S. District Court.

The judge's decision, as it affected the permits of Swanson Chemical Co. and Beach Chemical Co. held that the companies were protected by clauses in the permits, which provided that they were to be renewed perpetually unless surrendered by the holders or revoked by the government for "cause." Before they could be revoked, however, the companies were entitled to a hearing on any charges made against them. Since neither had such a hearing, the refusal to renew the permits, which was equivalent to revocation, was illegal, said the court.

Damages in the sum of \$1,500 are asked by Davison Chemical Co. of Baltimore, in an attachment suit filed in the Superior Court at Baltimore on Jan. 31 against the Societa di Navigazione Unione Italiana, Rome, owner of the steamer Concordia, of Italian registry. Davison Co. alleges that the plaintiff's pier at Curtis Bay and contiguous superstructure were damaged when the vessel, which was lying alongside the dock parted her lines and collided with the pier. The Concordia had brought a cargo of pyrites from Huelva to the company.

L. E. Ransome, New York, importer of annatto and turmeric, was severely beaten about the head with a revolver butt, on Feb. 6, when two men intent on robbery entered his place at 279 Pearl st., about noon. Mr. Ransom managed to spread the alarm, and the robbers escaped before they obtained anything. Mr. Ransom went immediately to the Beekman st. Hospital, where his head was examined and treated. X-rays were taken to determine whether there had been any fracture, but none was found. He was back at his place of business again on Monday morning.

Magnus, Mabey & Reynard announce the appointment of W. H. Mitchell, Toronto, as their agent for the entire Dominion of Canada and the Maritime Provinces. Mr. Mitchell is in close touch with the drug trade, having been Canadian representative of P. E. Anderson & Co. for eighteen years, and now representing S. B. Penick & Co., in that territory.

The Couzens Committee reported to the U. S. Senate that \$160,000,000 in amortization of war plants have been allowed without basis. Among the companies benefitted are: Diamond Alkali Co., Pittsburgh, \$1,344,465; Koppers Co., Pittsburgh, \$2,254,133; Procter & Gamble, Cincinnati, \$2,330,936; National Aniline & Chemical Co., New York, \$9,912,740.

The Department of Public Works, Bureau of Water, Philadelphia, will soon take bids for an addition to the filtration plant at the Belmont water station, Ford Road and Belmont aves., estimated to cost close to \$500,000. G. H. Biles is director.

FAVORS KELLY RESALE PRICE BILL

J. H. Foy, president American Pharmaceutical Manufacturers' Association, has received a letter from Charles Wesley Dunn, counsel for the association who comments as follows on the Capper-Kelly bill to validate resale price contracts:

"All who believe in legislation of this kind should support the Capper-Kelly bill. It imposes no obligation; it requires nothing. It simply validates resale price contracts made subject to the broad limitations stated. As a result of its enactment, the manufacturer will be emancipated from the present adverse law and left free to exercise his discretion as to whether and the extent he will enforce a resale price named by him. In short, it restores to him the freedom of action necessary in the circumstances for such use as he may be disposed to make of it, subject to duly protective restrictions."

DENOUNCES SUBSTITUTION OF DRUGS

Dr. Harris, Health Commissioner of New York, in an address before the Drug and Chemical Section of the New York Board of Trade and Transportation, on Wednesday of last week, said that it was frequently the practice of druggists to substitute drugs or not to sell the customer the pure article prescribed. It was a dangerous practice, he said, as it might affect the health of the patient. He quoted a case where digitalis had been prescribed by a physician and the drug put up was not in accordance with the requirements.

"The drug store today," said the commissioner, "is a lunch counter, with the drug department hidden away in a corner, a purveyor of anything, and consequently the druggist has lost prestige, dignity and culture that makes him little respected like he used to be. You are manufacturing drugs. Doesn't the status of the drug store reflect on you somewhat?"

Bowker Chemical Co., New York, is perfecting plans for a new plant at Baltimore, for the manufacture of fertilizer products. The plant will comprise several one-story buildings, estimated to cost in excess of \$120,000, with machinery.

United States Industrial Alcohol Co. has been awarded the contract by the Bureau of Supplies and Accounts, Navy Department, Washington, for furnishing the New-Port navy station with 5,000 gallons of Grade A alcohol at \$1,837.50.

Wm. H. Rankin Co., advertising agency, New York, has added to its staff James F. Jennings as space buyer. Mr. Jennings was formerly with Newell, Emmett Co. H. R. Schaeffer of the Rankin Co., is now merchandising and production manager.

Dominion Tar & Chemical Co., Montreal, with works at Saulte Ste. Marie, Montreal, and Sydney, Nova Scotia, produced at the Sydney plant in 1925 more than 1,101,630 gallons of creosote compared with 1,665,247 gallons in 1924.

E. H. Orchard, W. Villa Gilbert & Co., Ltd., London, arrived in New York on the Mauretania, to spend two or three weeks with R. C. Anthony of Henry Peabody & Co., combining business and pleasure.

Earl Carey, who recently bought the plant of Luzerne Chemical Co., Long Eddy, died at Binghamton, N. Y., Feb. 3. He was 48 years old.

E. M. Sergeant Co., chemicals and wood pulp, has moved its offices from 131 Cedar st., New York, to 501 Fifth ave.

DYESTUFF SELLING PRICE

FIXES INTERMEDIATE PRICE

Pyrazolon American Valuation of \$4.00 lb Upheld Although None Was Sold—Possible to Make Fast Light Yellow at That Price and Compete—Sandoz Chemical Works the Appellant—Pharma-Chemical Corp. Manufacturer

It has been found by Court of Customs Appeals that pyrazolon, an intermediate used principally in the manufacture of fast light yellow, is dutiable at the advertised selling price of the only American manufacturer rather than at the entered value. The fact that the manufacturer had offered the product for sale and had listed it with the Treasury Department for sale although none had been sold, was sufficient to establish the fact that there was a domestic factor in the product.

As to the fairness of the price placed on the material by the domestic maker, which is Pharma-Chemical Corp., it was pointed out that the intermediate is somewhere from 75 per cent to 90 per cent finished dyestuff—the testimony conflicted as to the exact percentage. Therefore it is evident that with a selling price of \$4.00 per pound for the intermediate, it is possible for a competitor to buy the intermediate from the maker and compete with him in the sale of the dyestuff at \$3.25 per lb, less 2 per cent to a consumer, or at \$3.00 less 7½ and 2 per cent to a jobber, since the cost of the finished dyestuff would be \$3.32 with a 75 per cent yield, and \$2.77 with a 90 per cent yield.

The pyrazolon in question was imported by Sandoz Chemical Works and was priced at \$1.104 in four cases and \$96 per lb in another case. This material was sold to Cincinnati Chemical Works who are the only other domestic maker of fast light yellow and therefore the only consumer of pyrazolon other than the maker.

PROPRIETARY COMPANIES MERGED

Sterling Products, Inc., and Household Products, Inc., have acquired the Deshell Laboratories, Inc., and have organized American Home Products Corp. to take over the plants and business of Deshell Co., Chicago and Los Angeles, together with the Wyeth Chemical Company of New York, the Larned Co., Detroit and Edward Wesley & Co., Cincinnati. These companies with the exception of Deshell, have been owned and managed by Sterling Products interests and make proprietary medicines.

W. H. Kirn, now president of Larned Co., will head American Home Products Corp., and will have associated with him in the management of the business, Stanley P. Jadwin, formerly president of Wyeth Co. and now a director in Sterling Products, and John F. Murray, who has been general manager of Wyeth for seventeen years. A banking group, headed by Hornblower & Weeks, plans an early offering of a portion in the company's common stock, the only class of its securities outstanding.

Rates on silicate of soda in carloads, in tank cars from Grasselli, N. J., to Brooklyn, N. Y., have not been found unreasonable in a proposed decision which has been placed before the Interstate Commerce Commission by C. W. Berry, examiner. He denies reparation. This proposed decision was rendered in the case of the Interstate Corrugated Box Co. against the Central Railroad of New Jersey.

The plant of Michigan Chemical Co., Bay City, Mich., has been ordered closed by Federal officers because of the company's failure to obtain a 1926 permit to manufacture alcohol. The plant manufactures 8,000 gallons a day and is the largest of its kind in Michigan.

NEW YORK POISON LAW ANALYZED

Charles Wesley Dunn Explains Provision for American Pharmaceutical M'frs Ass'n

In an opinion on the New York State poison law, Charles Wesley Dunn, counsel for the American Pharmaceutical Manufacturers' Association, says:

1. The New York poison law is contained in Article II of the New York Health Law. (Cahill's Consolidated Laws of New York, 1923, pages 1650-1656). It is expressly provided that "this article shall not apply to the practice of a physician that is not the proprietor of a pharmacy, drug store or store, or that is not in the employ of such a proprietor. Except as to the quality of drugs dispensed it shall not prevent physicians from supplying their patients with such articles as the physician deems proper." Hence the New York physician is not required to comply with this law with respect to the drugs dispensed by him.

2. But under this law the retailer of the poisons listed in Schedules A and B must affix to the container a label "with the name of the article and the word 'poison' distinctly shown and with the name and place of business of the seller all printed in red ink together with the name of such poisons printed or written thereupon in plain, legible characters." He must also keep a poison register, except in the case of prescriptions. Wholesalers must affix to "every bottle, box, parcel and outer enclosure of any original package containing any of the articles of Schedule A a suitable label or brand in red ink with the word 'poison' upon it." This means that you must mark both the immediate and shipping containers of the Schedule A poisons with the word "Poison," in red, in the case of a New York sale at wholesale, i. e., to a retail druggist or a physician. Interstate sales are not affected. To meet this law you may use a label to be detached by the physician.

3. Schedule A reads: "Arsenic, atropine, corrosive sublimate, potassium cyanide, chloral hydrate, hydrocyanic acid, morphine, strychnine and all other poisonous vegetable alkaloids and their salts, oil of bitter almond containing hydrocyanic acid, opium and its preparations, except paragonic and such others as contain less than 2 grains of opium to the ounce."

4. Schedule B reads: "Aconite, belladonna, cantharides, colchicum, conium, cotton root, digitalis, ergot, hellebore, henbane, phytolacca, strophanthus, oil of savin, oil of tansy, veratrum viride and their pharmaceutical preparations, arsenical solutions, carbolic acid, chloroform, creosote, croton oil, white precipitate, methyl or wood alcohol, mineral acids, oxalic acid, Paris green, salts of lead, salts of zinc, or any drug, chemical or preparation which is destructive to adult human life in quantities of 60 grains or less."

Exceptional scores were bowled by members of the Wholesale Drug Trade Bowling Ass'n., Monday night, Feb. 1. Colgate & Co., established a new high team score of 1,027. The other scores were 1,005 and 941, and they won all three games and are now tied with Seniors for first place. E. R. Squibb No. 2 won two games, Klipstein & Co., won one and lost two, while Biddle Purchasing lost three games. Their last game was lost by one pin after allowing Klipstein & Co., a handicap of thirty-six. Eleven scores of better than 200 were bowled of which five were clean games. Winn of Colgate & Co., rolled three successive 200 games—227, 208 and 201, closely followed by Heathwood of the same team with 224, 207 and 203.

S. B. Penick, New York, was recently elected a member of the executive committee of the New York Board of Trade and Transportation.

WHO'S WHO — in the Drug Industry

Henry R. Lathrop, pres. and genl. mgr., H. R. Lathrop & Co., New York. Born: Wilkes-Barre, Pa., Jan. 4, 1876. Mar.: Charlotte Jadwin, Brooklyn, N. Y., Apr. 16, 1902. Educat.: Princeton Univ., A. B., 1900. Business: Pres. and genl. mgr., H. R. Lathrop & Co., pres. and genl. mgr., Sheldon Mining Co. Member Princeton Club, New York; Riding & Driving Club, Brooklyn; Sea View Golf Club, Atlantic City; Nassau Club and Cap and Gown Club, Princeton. 4 yrs., Penna. State Militia, 1893-97; sergt. maj., 13th Penna. Volunteers, Spanish-American War, 1898.

Roy Meredith Johnston, pres., Morris-Morton Drug Co., Fort Smith, Ark. Born: Fort Smith, Sept. 5, 1883. Mar.: Bessie Rogers, Fort Smith, Oct. 24, 1905. Educat.: Ft. Smith High School, 3½ yrs., Univ. of Mo. Business: Retail dry goods business, 1904-09; secy., Bridge Improvement Districts, 1909-17; Morris-Morton Drug Co., credit mgr., 1917-22; pres., 1922 to date. Hobby: Trying to collect hard accounts.

Herbert C Arms, v. pres., Central Scientific Co., Chicago. Born: Dubuque, Ia., Mar. 3, 1871. Mar.: Elizabeth Gregg, Chicago, June 20, 1900. Educat.: Univ. Illinois, B. S., 1895. Business: V. pres., Central Scientific Co. since 1904. Member: Chicago Drug & Chem. Assn., (pres., 1924), Univ. Club of Chicago, Lake Shore Athletic Club, Evanston Club, Evanston Country Club, Skokie Country Club, Sigma Chi Fraternity, (Nat'l exec. chmn.). Hobby: Golf.

Hugo Harry Bartold, Chicago mgr., Geo. Lueders & Co., New York. Born: Bonn, Germany, Dec. 22, 1865. Mar.: Mary Adams, New York, Oct. 25, 1899. Educat.: University education, Bonn and Berlin, Germany. Ph. G., College of Pharmacy, New York. Member: Old Colony Club, Lincoln Club, Chicago Drug & Chem. Assn., Chicago Soap & Perfumers' Assn., pres., 1917, Covenant Lodge, Masons, No. 526.

Edmund Louis Drach, purchasing agt., Abbott Laboratories, No. Chicago, Ill. Born: Chicago, Jan. 5, 1888. Mar.: Agnes M. Johnson, Chicago, Jan. 29, 1919. Educat.: Chicago College of Law, L.L.B., 1912. Business: Abbott Laboratories, laboratory work, 1904-1909; purchasing agt., 1909 to date. Capt., Sanitary Corps, R. O. Member: Chicago Drug & Chemical Assn., (secy., 1922); Purchasing Agts. Assn. of Chicago, Phi Delta Phi. Hobbies: Tennis, bowling and automobiling.

Walter Edson Flumerfelt, mgr., Chicago branch, Rhodia Chemical Co., New York. Born: Binghamton, N. Y., Jan. 26, 1900. Mar.: Helen Zuck Loring, Dallas Center, Iowa, Oct. 21, 1924. Educat.: Cornell Univ., A. B., 1923. Business: Aluminum Cooking Utensil Co., 1920-23; Rhodia Chemical Co., 1923 to date. Member: Chicago Drug & Chemical Assn., Perfumery, Soap & Extract Assn., Alpha Chi Sigma, Kappa Delta Rho. Hobbies: "Taking orders" and athletics.

James M. Penland, pres., Waco Drug Co., Waco, Tex. Born: July 23, 1877. Business: V. pres. and mgr. of company from date of organization until 1916; pres. since that date. Member: Wholesale Drug Assn., Wholesale Stationers' Assn., local country clubs, Mason. Hobbies: Horseback riding and hunting.

The Industry's Finances

SYNDICATE STOCK CALLED SPECULATIVE

Pays Good Dividend—Parke, Davis Shows Gain—Texas Gulf Sulphur Stock Reaches New High—Union Carbide & Carbon Dividend Increase Denied—Wrigley Shows Profits

FOREIGN EXCHANGE	Par	Current
Great Britain (pound sterling).....	\$ 4.866	4.86
France (franc).....	.193	.037
Italy (lira).....	.193	.040
Belgium (franc).....	.198	.045
Czechoslovakia (crown) per hundred.....	20.30	2.96
Denmark (krone).....	.268	.247
Germany (mark).....	.238	.238
Norway (krone).....	.258	.203
Holland (florin).....	.402	.400
Poland (zloty).....	.193	.140
Spain (peseta).....	.193	.141
Sweden (krone).....	.268	.267
Switzerland (franc).....	.193	.192
Argentina (peso).....	.424	.412
Brazil (milreis).....	.324	.149
Japan (yen).....	.499	.450
India (rupee).....	.485	.369
China (silver dollar, Hongkong).....	.789	.583
(Tael—Peking, silver).....	1.146	.782
(Tael—Shanghai, silver).....	1.986	.740

American Druggists Syndicate stock was analyzed as an investment issue recently, by the financial editor of the "Wall Street Journal," who said:

"American Druggist Syndicate stock is a speculative issue. The company paid a 3% dividend (30 cents on the \$10 par value) on April 15, 1925, the first since the 4% paid on September 15, 1920. No payment was made last summer, as earnings did not warrant such action.

"Net profit for the year ended December 31, 1924, was \$173,280, after depreciation, equivalent to 25 cents a share earned on the 678,398 shares. Comparable 1923 earnings were \$189,472, or 27 cents a share. For the six months ended June 30, 1925, operating profit was \$102,213, comparing with \$83,898 in the first six months of 1924. Earnings for the year 1925 will not be published until around the middle of this month, and directors have given no intimation of what the earnings may be. The balance sheet as of June 30, 1925, presented a good appearance, with cash, government bonds and investments totalling well over \$2,500,000, and only \$64,000, roughly, in current payables. There are no bonds, and no preferred stock."

American Druggists' Syndicate reports net profit for the year ended December 31, 1925, as \$299,366, equivalent to 44c a share for each \$10 share. This compares with \$173,280 for the year 1924.

Parke, Davis & Co., report for year ended Dec. 31, net profit of \$6,578,277 after depreciation, federal taxes, etc., equivalent to \$6.92 a share (par \$25) earned on \$23,734,820 stock. This compares with \$5,903,906 or \$6.23 a share on \$23,730,345 stock outstanding in 1924. Directors and officers have been re-elected.

Penick & Ford, Ltd., reports for the quarter ended Dec. 31, net income of \$166,607 after depreciation and interest but before Federal taxes, or after preferred dividend requirements equal to 24c a share on the common stock. This compares with \$184,240 in the previous quarter, or 27c a share on the common after preferred dividend requirements.

International Agricultural Corp. is offering through bankers \$9,263,800 7 per cent. cumulative prior preference stock at a price to yield about 7.52 per cent. The offering does not represent new financing by the company. The stock represents the bulk of the prior preference stock issued in 1923, when the company's capital structure was revised to fund bank debts of \$10,000,000.

American Zinc, Lead & Smelting Co. will show operating income of about \$500,000 for 1925. Charges for depletion, however, should total close to this amount so that net results will be a slight profit or loss, says "The Wall Street News."

Brookline Chemical Co., Brookline, Mass., reports a surplus of \$102,909 as of Nov. 30 last. Assets show cash \$7,008, accounts receivable \$6,481, securities \$158,585, merchandise \$659 and good will \$500. Accounts payable are \$809. The company is capitalized at \$70,000.

Securities Quotations

Closing Prices For Week Ending Feb. 6, 1926

Bid	Asked	Bid	Asked
*Air Reduction.....113 1/4	114	Hercules Powder.....146	—
*Allied Chem & D.....128 1/4	129	Hercules Powd. pf.....116 1/4	117 1/4
*Am Ag Ch.....31 1/2	32	Heyden Chem.....2 1/4	—
*Am Ag Ch pf.....90	91 1/4	Hooker Electro.....25	30
*Am Chicle.....47 1/4	49	Hooker Electro, pf.....70	75
*Am Chicle pr pf.....90	92 1/4	*Household Prod.....45 1/4	45 1/2
Am Cyan.....190	200	*Int Agricult.....24 1/2	25
Am Cyan pf.....88	92	*Int Agricult pf.....93	94
*Am Druggists S.....5	5 1/4	*Int Nickel.....43 1/4	44
*Am Glue.....47	50	*Int Nickel pf.....101	—
*Am. Glnse pf.....106	109	*Int Salt.....86	90
*Am Linseed.....48 1/4	48 1/2	Lehn & Pink Prod Co.....38	38 1/4
*Am Linseed pf.....84	85	*Mathieson Alk.....100 1/4	101
*Am Metal.....54	54 1/4	*Mathieson Alk pf.....100	—
*Am Metal pf.....115	—	Mac And & Forbes new 46	49
*Am Zinc.....8 1/4	10	Mac And & Forbes pf.....100	103
*Am Zinc pf.....38	40	Merk & Co.....58	58
*Archer Dan Mid.....41 1/4	42 1/4	Merrimac.....84	86
*Archer Dan Mid pf.....102	105	Mulford Co.....30	33
*Atlas Powder.....56 1/4	58	*National Lead.....167	168
*Atlas Powder pf.....93 1/4	95 1/4	*National Lead pf.....116	117
By Prod Co.....46	49	Niag. A. L. pf.....80	85
By Prod Co. pf.....102	105	N. J. Zinc.....203	206
Canad Ind., Al.....16 1/4	—	Parke, Davis & Co.....114	—
Canad Salt.....105	115	Penn Salt.....71	—
Caselt Co.....160	170	*Peoples Gas Chl.....120 1/4	121 1/4
Celluloid Co.....20 1/4	22	Procter & Gamble.....147	151
Celluloid Co pf.....73	77	Procter & Gam, pf.....156	158 1/4
*Certain-teed Prod.....47	47 1/4	Royal Bkg Powd.....185	195
Charcoal Iron.....10	20	Royal Bkg Powd pf.....101 1/4	103
Ches. Mfg. Co.....68 1/4	69	Shawinigan.....170	—
Ches Mfg. pf.....113	—	Sherwin-Will Lat pf.....106	110
Clark Co., Fred.....2 1/4	4	Silica Gel.....30	—
Cleve Cliff Iron.....70	75	*Sterling Prod.....82 1/4	83 1/4
*Com Solv A.....135 1/4	137	Swan & Finch.....20	21
Do B.....131 1/4	132	Swan & Finch pf.....20	30
*Corn Products.....41 1/4	42	*Tenn C & Chem.....15 1/4	15 1/2
*Corn Products pf.....123	124	*Tex Gulf Sul.....126	126 1/4
*Davison Chem.....42	43	Union Carbide.....80 1/4	80
*Davison Chem pf.....37 1/4	38	*Un Drug.....159 1/4	160
Dow Ch., pf.....98	102	*Un Drug 1st pf.....56 1/4	56 1/2
Dow Drug Co.....140	—	*Un Dyeewood.....10	12
Dow Drug Co., pf.....105	108	*Un Dyeewood pf.....59 1/4	59 1/2
*Du Pont Deb.....101 1/4	102	Un Gas Imp.....128	132 1/4
*Du Pont de Nem.....232	233	Un Gas Imp, pf.....58 1/4	—
*Eastman Kodak.....109 1/4	110	U S Cypsum.....154	155 1/4
*Eastman Kodak pf.....113	—	U S Indus Al.....65 1/4	66 1/4
*Freepot Tex.....25 1/4	25 1/2	*U S Indus Al pf.....102	103
*Gen Asphalt.....68 1/4	69 1/4	Va Car Ch.....1 1/4	1 1/2
*Gen Asphalt pf.....107	108 1/4	Va Car Ch 6% w.l.....65 1/4	66
*Gold Dust.....47 1/4	47 1/2	*V Viraudou.....30 1/4	31
Grasselli.....125	130	Will & Baumer.....16 1/4	—
Grasselli, pf.....101	103		

*Listed on New York Stock Exchange

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UNION CARBIDE DIVIDEND RUMOR DENIED

"Banking interests who are well informed in regard to the activities of Union Carbide & Carbon Co. are of the opinion that there is no justification for the current rumors that the company will place its common stock on a \$6 a share basis at the dividend meeting of the board this month," says the "Wall Street News." "The activity in the stock is attributed by the same sources to the growing appreciation of the company's issue as a semi-speculative medium and the fact that it has been somewhat out of line with equally seasoned issues of similar dividend record and rate.

"Probably the reports that the dividend rate would be lifted from the present \$5 a share annual basis to \$6 rate are the result of the increased earnings of the company, combined with the knowledge that it was two years ago this month that the dividend rate was increased from the then \$4 a share rate to the present figure. The company is in an exceptionally strong financial position and has already accumulated reserves and surplus of such a size that stockholders may reasonably expect a capitalization of these assets at some future date."

Industrial Rayon Corp.'s earnings in 1925 were more than \$1,000,000, says W. W. Birge, president, equal to slightly more than \$2.22 a share on the 449,133 shares of Class A stock outstanding. "Our production of rayon for 1925 amounted to 2,225,000 pounds, and present plans call for a production of 3,500,000 pounds this year," he continues. "By the end of 1926 production is expected to be running at the rate of 4,000,000 pounds a year."

William Wrigley Jr. Co. for 1925 reports net profits of \$9,146,930, an increase of \$607,616 compared with the total for 1924. These profits were reported after allowing for "ample reserves and deducting Federal and other taxes." The profit and loss surplus on Dec. 31, amounted to \$17,497,428, against \$14,624,700 on Dec. 31, 1924. Net current assets were valued at \$20,796,516, against current liabilities totaling \$1,865,887.

American Rayon Products Corp. reports earnings for the nine months ended Dec. 31 of \$263,167, equivalent to approximately \$2.40 a share on the 110,000 shares outstanding, which indicates that total annual dividends were more than earned in the first nine months. At the regular meeting of the board a quarterly dividend of 50 cents per share was declared, payable Feb. 27 to stockholders of record Feb. 15.

A claim for income taxes of \$436,912 has been filed at New Orleans against Great Southern Sulphur Co., now in hands of a receiver, by the Collector of Internal Revenue at New Orleans. Hearings are pending in New York in an effort to take the officials of the company to New Orleans on indictments returned against them.

International Silver Co. is to pay dividends on the common stock at the rate of 6 per cent. annually. The first quarterly instalment of 1½ per cent is payable April 1, 1926. It is also expected that rights will be offered to stockholders in connection with the sale of all or part of the \$3,864,838 common stock held in the treasury.

Hercules Powder Co. reports for the year ended Dec. 31, net income of \$2,999,369, after charges, depreciation, taxes, etc., equivalent after preferred dividends to \$15.84 a share. This compares with \$2,156,901, or \$10.2 a share in 1924.

Justus Brauer & Son Co., Camden, N. J., manufacturers of cork products, has filed a petition in bankruptcy with assets of \$179,485 and liabilities only \$109,987.

New Incorporations

Baldinger Co., New York, \$10,000. Beverages. A. Brudner, M. Silber, S. Markowitz. Atty., S. F. Strongin, 189 Montague st., Brooklyn.

Spanish Royal Soap Products, Astoria, L. I., N. Y., 200 common, no par. Toilet articles. R. Schmidt, T. W. Pearson, A. Pettingill, Atty., E. W. Manning, 38 Park Row, New York.

Arrow Silk Mills, Paterson, N. J., \$75,000. Alba Miner, Sarah Siegel, Isadore Silik, all of Paterson. Atty., Benj. J. Spitz, Paterson.

Croce-Garbarine Corp., Asbury Park, N. J., \$125,000. Candy, ice cream. Louis P. Croce, Joseph Garbarine, Andrew J. Garbarine, all of Asbury Park. Atty., J. E. Newman, Asbury Park.

Peplax Co., Inc., Wilmington, Del., \$2,000,000. Manufacture medicinal preparations. Colonial Charter Co.

Llewellyn Laboratories, Inc., Dover, Del., \$150,000. Medicinal and toilet preparations. Frank A. Cabeen, Jr., Haverford, Pa. U. S. Corporation Co.

Eclipse Paper & Disinfectant Co., New York, \$10,000. L. and A. Rosenberg, D. Shapiro. Atty., I. Goldman, 1182 Broadway.

Crescent Dyeing & Finishing Co., Newark, N. J., \$125,000. Geo. Surosky, Archie B. Marcus, Samuel I. Lamansky, all of Paterson. Atty., Surosky & Turndorf, Paterson.

Venezuela Calcining Co., Dover, Del., \$10,000. Calcination and treatment of magnesite. T. L. Croteau, Wilmington, Del. Corporation Trust Co. of America.

Butterworth Dyeing & Bleaching Works, Buffalo, N. Y., \$25,000. F. W. and C. L. Butterworth, J. Ellis. Atty., P. J. Batt, Buffalo.

Mibalm Co., Dover, Del., \$100,000. Manufacture toilet articles. M. S. Hoechstetter, Pittsburgh, Pa. Capital Trust Co. of Delaware.

Peaubele Laboratories, New York, \$50,000. Perfume. M. T. Lavigne, K. R. and J. M. Kelly. Atty., S. S. Bernstein, 299 Broadway.

F. Garbit Silk Printing, New York, 150 common, no par. F. Garbit, S. Block, C. Kennedy. Atty., V. C. Cormier, 2 Rector st. Paris Cleaners & Dyers, Troy, N. Y., \$10,000. M. Krall. E. McCoy, B. Feldman. Atty., A. H. Jones, Troy.

Fairport Storage & Ice Corp., Perinton, N. Y., \$250,000. C. Bentley, H. G. Schiefer, Jr., J. S. Albright, Atty., Albright & Meppan, Rochester.

Peerless Scientific Laundry Co., Inc., Pleasantville, N. J., \$125,000. Lillian H. Brewin, Alexander C. Mackey, all of Pleasantville. Atty., Corporation Trust Co., Phila.

National Laboratory Products, Inc., Dover, Del., \$2,500,000. Laboratory products. W. M. Pearson, S. Romito, John Flynn, Pittsburgh, Pa. Capital Trust Co. of Del.

Dehl-S. & Stein, Inc., Newark, N. J., 100 shares, no par value. Chemicals. John C. Dehls, Newark; Leo Stein, E. Orange; Esther M. Strum, New York. Atty., Alexander Miller, New York.

Delmarvia Ice Cream Co., Inc., Dover, Del., \$200,000. W. I. N. Lofland, Dover. Capital Trust Co. of Del.

Royal Oak Paint Co., Royal Oak, Mich., \$25,000.

John O'Day Co., Boston, 1,000 shares, no par. Deal in dyes and chemicals. John R. O'Day, 206 Buckminster road, Brookline, Mass.; Arthur V. Grimes.

Wm. Stoppard & Son, Inc., 1306 Broad st., Providence, R. I., 100 shares, no par. Manufacture silk laces, rayon scarfs, etc. Wm. Stoppard Allan W. Stoppard and Gertrude Stoppard.

Synthetic Fuels Co., Trenton, N. J., 1,000 shares common stock, no par. Motor fuels. Dr. Jean Lariboisier, New York City; R. C. Jeffcott, Somerville, N. J.; George A. Berry, Bound Brook, N. J.; F. M. Fargo, Jr., Plainfield, N. J.; W. S. Weeks, Bound Brooks, N. J.

R. & M. Specialty Co., Inc., Bayonne, N. J., \$50,000. Charles Bohmer, New York City; George Meritelle, Susie Rescher, New York City. Attorneys, Kochler & Augenblick, Newark, N. J.

Des-Co Products, Borough of the Bronx, New York, \$5,000. Chemicals. W. R. Walsh, J. H. & T. R. Brown, Jr., Attorney, C. S. Lubin, 51 Chambers st., New York.

Miller Paper Co., Syracuse, N. Y., \$250,000. F. F. Miller, F. Wyker, G. E. Bahn. Attorneys, F. & R. L. Young, Syracuse.

Oriental Co., Inc., Camden, N. J., \$50,000. Cosmetics and toilet articles. R. West, Camden, W. A. Breischer, J. H. Farris, Philadelphia. Attorney, R. West, Camden.

Certain-teed Products Corp. has declared quarterly dividends of \$1 on the common stock and ¾ per cent on first and second preferred, payable April 1 to stockholders of record March 16.

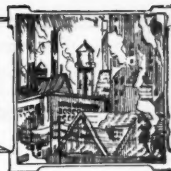
Tennessee Copper & Chemical Corp., have acquired the plant and good will of the Calumet Fertilizer Corp., New Albany, Ind.

Texas Gulf Sulphur stock sold at 137½ on Feb. 8, the highest level on record.



Industrial Chemical

SECTION



Heavy Chemical Exports Gain 15 Per Cent

Value of 1925 Chemical Exports \$158,500,000 Equal to 29 Per Cent Increase Over 1922, When the Value Was \$123,000,000—Methanol Exports Cut in Half—Foreign Trade in Sulfur and Fertilizer Shows Gain—Exports of Explosives Increased 31 Per Cent—Shipments of Smokeless Powder and Dynamite Heavier

(Special to DRUG & CHEMICAL MARKETS)

Washington, D. C., Feb. 8.—The year 1925 brought an increase in the foreign demand for United States chemicals and allied products, the exports for the year being valued at \$158,500,000, a gain of 15 per cent over the previous year, and 29 per cent over 1922, says the Chemical Division of the Department of Commerce. The division in discussing chemical exports for last year in some detail continues: In 1922 the total exports of chemicals and allied products amounted to \$123,000,000, which figure increased to \$146,000,000 in 1923, then fell to \$138,000,000 in 1924, while the year just closed showed not only a recovery but a big excess over the preceding years. All groups with the exceptions of crude drugs and botanicals, essential oils, and dye extracts showed expansions in 1925 as compared with 1924.

Methanol Exports Cut in Half

Industrial chemicals representing one-sixth of the total exports in 1925 showed little change during the last few months, but compared with 1924 recorded an 8 per cent increase, having risen from \$24,200,000 in 1924 to \$25,900,000 in 1925. The exports of acids and anhydrides advanced in value from \$959,400 to \$973,000, but declined in quantity from 23,474,000 pounds to 23,115,000 pounds. The value of the foreign sales of methanol was cut in half although the quantity was only one-third less than the previous year's shipments, or a total for 1925 of 408,000 gallons, valued at \$321,300.

Larger shipments of the following chemicals were made in 1925 than in 1924: aluminum sulfate (41,512,300 pounds, \$505,500); baking powder, (4,026,300 pounds, \$1,533,200); bleaching powder, (27,389,000 pounds, \$472,500); copper sulfate (6,139,300 pounds, \$285,900); dextrin (22,678,300 pounds, \$1,031,000); and potassium compounds other than chromate (3,848,500 pounds, \$363,000).

On the minus side of the group were, acetate of lime with 22,038,200 pounds (\$684,600); calcium carbide with 4,854,600 pounds, \$208,400; formaldehyde, with 2,799,000 pounds, \$291,200; and potassium bichromate with 461,700 pounds, \$35,800.

Although the quantity of ammonia and ammonium compounds shipped in 1925 was greater than in 1924, the value was less, or a total in 1925 of 4,521,000 pounds, valued at \$871,000. Glycerin on the other hand showed larger value and smaller quantity, totals having amounted to 1,367,200 pounds, \$282,000.

Soda Exports Larger

Foreign sales of sodas and sodium compounds rose

in quantity from 315,530,700 pounds in 1924 to 355,345,200 pounds in 1925, but declined in value from \$8,504,400 to \$8,352,800. Caustic soda accounted for over one-third of the total of the group with a 4 per cent gain in values exported of \$2,995,700 (100,954,500 pounds) for the year. Approximately 18 per cent of this total was made up of borax which item showed little change during the two years. Sodium cyanide, however, was the only item in which a marked contrast was noticed when less than one-half as much was shipped to foreign countries the current year or 1,592,000 pounds, \$273,900.

Sulfur and Fertilizer Both Gain

Foreign sales of sulfur or brimstone advanced 40 per cent from \$7,792,900 (482,100 tons) in 1924 to \$10,919,200 (629,400 tons) in 1925, and of refined sublimed sulfur and flowers of sulfur 52 per cent from \$101,300 (4,546,000 pounds) to \$153,500 (6,381,800 pounds).

The exports of fertilizers and fertilizer materials accounting for 10 per cent of the total in 1925 surpassed the preceding year's sales by 5 per cent and equalled \$17,298,500 (1,147,400 tons). Nearly two-fifths of the total was comprised of ammonium sulfate and one-third of phosphate rock, while prepared fertilizer mixtures equalled one-tenth. With the exception of the last mentioned commodity all other items included in the group were above those of the preceding year, the figures for 1925 being: ammonium sulfate, 123,140 tons, valued at \$6,748,700; other nitrogenous materials, 6,800 tons, \$367,430; phosphate rock, 870,270 tons, \$5,678,000; superphosphates, 66,800 tons, \$1,077,200; prepared fertilizer mixtures 29,900 tons, \$1,530,350.

Another notable increase—31 per cent—was made in the exports of explosives, one of the smaller groups equalling only 2 per cent of the total or \$3,790,100 (23,182,300 pounds). The outstanding incident of the trade in this group was the 358 per cent gain in the exports of smokeless powder, when 1,126,500 pounds, valued at \$620,500 were sent abroad. Slightly heavier shipments of dynamite were also made during the period until a total of 16,986,000 pounds, \$2,444,400 was reached.

CREDITORS MUST HELP "BORAX" SMITH

The receiver's advisory committee has issued an appeal to the creditors of F. M. "Borax" Smith, of Oakland, Cal., urging the depositing of all outstanding notes, securities and claims in order that the liquidating of the immense indebtedness might be effected. Work has been under way since 1913 and has reached a point where it can proceed no further unless there is co-operation on the part of creditors.

Since its appointment thirteen years ago in an advisory capacity to the trustee, the Mercantile Trust Co., of California, the committee has brought about the sale of most of F. M. Smith's interests in Pacific Coast Borax Co., the reorganization of the Eastbay transit companies in which he was interested and the reorganization of Realty Syndicate.

The Heavy Chemical Market

Chemical Current Spot Quotations for Heavy Chemicals, see pages 414-432

BARIUM CARBONATE ADVANCED SHARPLY

Spot Stocks Are in Firm Hands and Shipment is Higher
—Butyl Alcohol Up $\frac{1}{2}$ c lb for Feb.—Copper Sulfate
Easy—Sugar Copperas Weak—Sodium Nitrite Lower
—Oxalic Acid Up for Shipment—Chlorine Derivatives
Strong—Ammonia and Products Firm—Market Generally
Firm With Domestic Makers Supplying Great
Bulk of Demand

PRICE CHANGES IN NEW YORK

(Stocks in First Hands)

Advanced

Alcohol Butyl, $\frac{1}{2}$ c lb.

Barium Carbonate, \$5.00 ton

Declined

Sodium Nitrite, $\frac{3}{8}$ c lb.

Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Acetic Acid, Glacial lb.	\$1.11 $\frac{1}{2}$	\$1.11 $\frac{1}{2}$	\$1.11 $\frac{1}{2}$	\$1.11	\$1.19 $\frac{1}{2}$	\$1.07
Sulfuric Acid, 66° ton	14.00	14.00	14.00	14.00	55.00	20.00
Ammon Sulfate 100 lbs.	2.95	2.95	2.95	2.75	7.50	2.65
Bleaching Pdr, 100 lbs.	2.00	2.00	2.00	1.90	9.50	1.50
Copper Sulfate c-1 100 lbs.	4.30	4.30	4.40	4.65	200.00	4.60
Potash, Caustic, Imp., lb.	.071 $\frac{1}{2}$	.07 $\frac{1}{2}$	.07 $\frac{1}{2}$	.07 $\frac{1}{2}$	.87	.08
Soda Ash, 58 p.e. 100lbs.	1.94	1.94	1.94	1.94	3.50	.80
Caustic Soda, 76p.e. 100lbs.	3.66	3.66	3.66	3.66	9.50	1.42
Potassium Bichromate lb.	.08 $\frac{3}{4}$	.08 $\frac{3}{4}$	.08 $\frac{3}{4}$	.08 $\frac{3}{4}$	4.65	.06 $\frac{1}{2}$
Sodium Prussiate .. lb.	.10	.10	.10	.11	1.25	.18
Average	2.918	2.913	2.932	2.928	10.79	2.99

Demand for industrial chemicals continued of good, steady volume throughout the past week, although nothing unusual is reported. Prices on the general list varied within narrow limits and domestic makers are still booking the great bulk of the business. Barium carbonate recovered sharply from its continued weak condition and spot supplies are strongly held at higher prices. Ammonia and its derivatives are quite firm in all directions and no variation in quotations is indicated. Chlorine and its products remain in a very strong condition and advances are indicated shortly due to the heavy potential demand from new uses. Oxalic acid quotations from abroad have advanced $\frac{1}{2}$ c lb and the spot market is in a very strong position. Copperas and copper sulfate are moving in fair volume but production of both of these products is large and prices are at low levels. Prices on chlorates are unchanged and a steady demand is reported by maker and importers.

Acetone—Firm market continues to be reported by fermentation maker who is finding a ready outlet for all offerings.

Acid Formic—Heavy demand reported by importers although prices remain at unchanged prices on both grades.

Acids Mineral—All mineral acids occupy strong position and schedule prices are very firm from all makers. The recent advance in sulfur prices and the present strength of the chlorine market, coupled with the demand for hydrogen for synthetic ammonia manufacture, make advances in sulfuric and muriatic acids appear likely.

Acid Oxalic—Foreign market has advanced $\frac{1}{2}$ c lb and quotations for shipment are now firm at 11c lb although not much is moving at that price. Spot imported material is firm at 11c@11 $\frac{1}{4}$ c lb in barrels and casks.

INDUSTRIAL CHEMICAL SECTION

Domestic material is quoted at unchanged prices of 10 $\frac{3}{4}$ c @11c lb at works and New York.

Alcohol Butyl—Domestic maker has advanced quotations $\frac{1}{2}$ c lb for deliveries over February. Contract quotations at works are given as follows: tank cars 19c lb; carlots of drums 19 $\frac{1}{2}$ c lb; less carlots of drums 20c lb. Spot prices are 1c lb above contract prices. The advance is based on the higher corn prices for January.

Ammonia Anhydrous—Firm unchanged prices are quoted by all makers who report a steady demand of sufficient proportions to absorb all production.

Ammonia Aqua—Makers report no variation in quotations on 26° material and report absolute lack of depressing competition.

Ammonium Chloride—Imported white material is a shade easier on spot although quotations remain at 5 $\frac{1}{2}$ c @5 $\frac{3}{4}$ c lb. Imported gray is unchanged at 6 $\frac{1}{4}$ c@6 $\frac{1}{2}$ c lb. Domestic quotations remain at 6c@7c lb for white, and 7c@8c lb for gray.

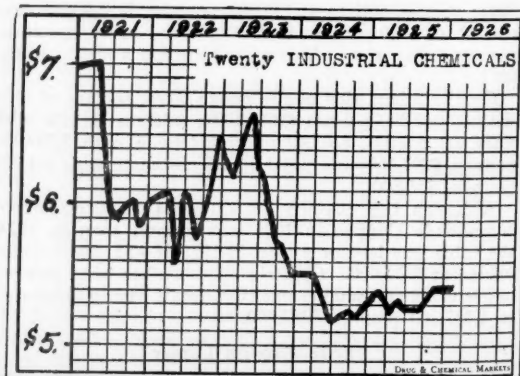
Barium Salts—Chloride remains in an easy condition and domestic and importing factors name unchanged prices of \$60.00@ \$62.00 ton although the market is quite firm at these figures. Carbonate is sharply higher on spot due to elimination of low priced sellers and the application for an advance in duty. The best price possible at the beginning of this week was \$46.00 per ton for carlots, but it did not appear that this could be duplicated. Some material was offered on the dock at \$47.00 ton, and ex-store offerings were held at \$51.00 ton.

Copperas—Sugar copperas remains in a weak condition, due to over-production. Open quotations are given at \$9.00 ton for bulk, \$11.00 for bags, and \$12.00 for barrels, but shading is indicated.

Copper Sulfate—Spot market is in an easy condition and large crystals are available at \$4.25@ \$4.30 100 lbs. for carlots, although some makers name higher figures.

Glauber's Salt—Domestic material remains in a competitive state and, although open quotations for carlots continue to be given at \$1.10@ \$1.15 100 lbs., these prices are being shaded on many occasions.

Potash Caustic—Domestic maker and importers name firm unchanged prices of 7 $\frac{1}{2}$ c lb for carlots and report a moderate consuming demand.



Potassium Chlorate—Importers and domestic maker name firm unchanged prices of 8½¢@9¢ lb as to quantity.

Potassium Perchlorate—Spot market remains at 10½¢@10¾¢ lb due to the fact that only one importer is in possession of stocks. Stocks are of fairly large volume and are of prime white quality. Domestic maker is sold-up and not quoting. Another leading importer names 12¢ lb as an inside price for shipment.

Potassium Prussiate—Market remains steady at unchanged prices from importers and domestic factors.

Sodium Chlorate—Domestic quotations are given at last week's reduction to 5¾¢@6¢ lb brought about by heavy importations. Imported material is fairly steady with 6½¢ lb named as an inside price.

Sodium Nitrite—Spot market is easier and material is offered at 8½¢@8¾¢ lb as to seller and quantity.

Sodium Phosphate—Tri-salt is in heavy demand and domestic factors continue to name \$3.90 100 lbs. for carlots at works.

Sodium Prussiate—Market is steady with domestic factors supplying the great bulk of the demand at 10¢@10½¢ lb as to quantity. Imported material is very scant on spot and 9¾¢ lb is named for shipment.

Sodium Sulfide—Steady market is reported by makers who quote unchanged prices on crystals, and 60% solid and broken.

SHOWS NEW WAY TO MAKE PEROXIDES

A new way to produce hydrogen peroxide by the direct union of hydrogen and oxygen at ordinary temperature and pressure, with no intermediate chemical steps, is announced by Dr. Hugh Scott Taylor, professor of physical chemistry at Princeton University. Professor Taylor described his process at the joint meeting of the New York sections of the American Chemical Society, American Electrochemical Society, Society of Chemical Industry and Societe de Chemie Industrielle at the Chemists' Club in New York City on Friday, Feb. 5.

"Hitherto hydrogen peroxide has been prepared only in dilute solutions by ordinary chemical processes involving intermediate steps. The new method permits the production of the pure product, free from water, by direct combination of hydrogen and oxygen at ordinary temperature and pressure."

Commercial Solvents Corp., Ltd., has brought action against Synthetic Products Ltd., for an injunction restraining the defendant in an alleged infringement of patent No. 4,845 for the manufacture of butyl alcohol and acetone by fermentation.

The Customs tariff schedules for British India for the year 1926, comprising the Indian Tariff Act, VIII of 1894 with amendments, has been published and distributed by the "Indian Trade Journal," Calcutta.

Solar Products Co., Chicago, manufacturer of soaps, has acquired a three-story factory, 25 x 125 ft., and will establish new works. The present plant will be removed to the new site.

Chrome ore of high grade is reported to have been discovered in the Great Dyke area of Rhodesia. Percentage of chromium oxide runs as high as 56 per cent.

Silicates of soda are discussed in a bulletin issued by Philadelphia Quartz Co., entitled "P's and Q's," being the February number of their house organ.

Imports of barium chloride into Peru come under a special tariff rate when in quantities exceeding 500 kilograms.

HAMBURG CHEMICAL MARKET IMPROVES

Inquiries for Bromides More Numerous—Barium Chloride Firm—Salt Cake Scarce—Good Demand for Naphthalene Flakes—Tartaric and Citric Acids and Metol Colors—Trading in Industrial Chemicals Has Improved

(Special Radiogram to DRUG & CHEMICAL MARKETS)

Hamburg, Germany, Feb. 10—Trading in industrial chemicals has steadily improved all week. The products most in demand are naphtha flakes, tartaric acid, citric acid and metol colors. The market is quiet on potash salts, sodium sulfide, caustic potash, caustic soda and Epsom salts.

Barium chloride is firm. Inquiries for bromides have improved. Salt cake is scarce.

WANTS COMMISSION TO OPERATE SHOALS

(Special to DRUG & CHEMICAL MARKETS)

Washington, D. C., Feb. 9—At a hearing before the Senate Committee on Agriculture regarding legislation for Muscle Shoals, it was stated that Government scientists have begun a series of experiments to determine whether aluminum and fertilizers can be produced in quantity at the plant. A new process which will make this possible has been devised by Dr. F. G. Cottrell, of the Fixed Nitrogen Research Laboratory of the Department of Agriculture.

Senator Smith of South Carolina has introduced a bill in the Upper House "to create a commission for Muscle Shoals," which has also been referred to the Senate Committee on Agriculture. The bill would provide for Government operation under the Commission for ten years, to be known as the Muscle Shoals Commission and to be composed of the Secretary of War and the Secretary of Agriculture.

At the annual meeting of Davison Chemical Co., manufacturers of sulfuric acid, Baltimore, on January 30, President C. Wilbur Miller, Vice-president W. D. Huntington, and other officials were re-elected, and T. J. Dee, who has been secretary to the president, was promoted to a vice-presidency. President Miller submitted a preliminary report, stating that 1925 had been the most profitable year experienced by the corporation except during the war period.

St. Joe Lime & Stone Co., Little Rock, Ark., recently formed under Delaware laws with capital of \$200,000, has acquired plant property at St. Joe, Ark., previously operated by Moss-DeVoy Lime & Stone Co. Plans are under way for extensions and betterment, including the installation of additional machinery to more than double the present capacity. It is purposed to construct a new hydrating plant. The work will cost close to \$100,000.

The 208th meeting of the Northeastern Section of the American Chemical Society will be held at the Massachusetts Institute of Technology, Cambridge, Mass., on Feb. 12. Papers will be read on "The Dyeing of Rayon" by Prof. Louis A. Olney, head of the department of chemistry of the Lowell Textile School and on "Rayon, Its Chemistry, Manufacture and Uses" by Dr. G. J. Esselen, Jr., director of research and vice-president of Skinner, Sherman & Esselen, Inc.

Grasselli Chemical Co. of Pennsylvania has moved its offices to Room 840, Public Ledger Building, Independence Square, Philadelphia. Bell telephones, Lombard 8051 and 8052. Keystone, Main 8647.

The Intermediate and Dye Market

Current Spot Quotations for Intermediates, see Chemical pages 414-482

H ACID UNSETTLED AT CUT OF 5c LB.

Open Quotations Given at 63c lb—Para-Nitroaniline Weak at 50c lb—R Salt Advanced to 48c lb—Sodium Naphthionate and Gamma Acid Shading Rumored—Intermediate Demand Fair—Pyridine Breaks to \$4.60—Cresylic Acid Very Firm—Naphthalene and Phenol Quiet—Benzene Steady on Both Grades—Other Light Oils Very Firm

PRICE CHANGES IN NEW YORK (Stocks in First Hands)

	Advanced					
	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Dinitrobenzene ½ c lb.	\$.23	\$.23	\$.23	\$.23	\$ 1.10	\$.25
Dinitrochlorbenzene, ½ c lb.						
R Salt, 3c lb.						
Acid H, 5c lb.	Declined					
	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Para-Nitroaniline, 1c lb.						
Pyridine, 25c gal.						
Trend of the Market						
	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Benzene, pure gal.	\$.23	\$.23	\$.23	\$.23	\$ 1.10	\$.25
Naphthalene flake .. lb.	.06	.06	.05½	.05	.16	.03
Phenol Spot lb.	.22	.22	.22	.24	1.50	.08
Toluene gal.	.35	.35	.35	.26	—	—
Aniline Oil lb.	.16	.16	.16	.16	1.40	.10½
Alpha-naphthylamine lb.	.35	.35	.35	.35	1.28	—
Benzaldehyde lb.	.70	.70	.70	.70	—	—
Betanaphthol lb.	.24	.24	.24	.24	1.50	.08
Dimethylaniline lb.	.31	.31	.31	.33	1.30	—
Paranitroaniline lb.	.50	.51	.53	.60	1.68	.18
Average	0.312	0.313	0.315	0.316		

Output of light oil distillates continued at the largest volume ever recorded due to steel producers operating 'practically all of their ovens to supply the demand for domestic coke brought about by the anthracite coal strike. Prices are well maintained in all directions on all fractions. Both grades of benzene are being absorbed steadily although offerings of pure are large. Toluene demand is reported to be increasing due to the fact that when supplies were tight consumers placed orders greatly in excess of their actual requirements in hopes of obtaining what they really needed. When these orders began to be filled more promptly, they stopped ordering as their supplies were too great. This surplus material appears to have been worked off now and consumers are reordering. There is no weakness in sight in any of the prices, and in fact benzene prices are stronger due to advances in gasoline prices.

Intermediates are quiet and, while the demand in January was up to the volume of a year ago, large factors admit disappointment. Shading is being engaged in on some products, and H acid is openly lower.

Crudes

Benzene—Steady consuming demand continues to absorb all offerings of both pure and 90% at firm prices. Output is the largest ever recorded due to heavy demand for coke for domestic use as a result of the anthracite coal strike. Quotations are given by all factors at 23c gal. for pure in tank cars at mills, and 24c gal. for 90% in tank cars at mills. Drum lots are quoted 5c gal. higher.

Cresylic Acid—Spot market remains in a very strong condition. Offerings are quoted firmly at 60c@65c gal. for 97-99% pale acid, although 59c gal. is possible

at the moment for limited supplies. Higher grade material is named as high as 75c gal. Market abroad is very firm and further advances are not unlikely due to an unusually heavy demand brought about by a new use for the product.

Naphthalene—Refined material is in slight routine demand. Quotations are steady in all directions but range from 6c to 7c lb for less carlots of flake, as to seller, and from 6¼c to 8c lb for balls. A fair amount of business is being placed for Spring delivery.

Phenol—Market is quiet with spot demand dull. All makers quote firm unchanged prices at 22c lb for large drums, and 24c@26c lb for small drums.

Pyridine—Demand has lessened and spot stocks have increased. Quotations are lower from leading importers and spot lots are available at \$4.60@\$4.70 gal. as to seller and quantity. Shipment prices are fairly steady at \$4.10@\$4.15 gal.

Solvent Naphtha—Consumers are fairly well supplied, but no spot lots are available and the market is still in a tight position. Quotations are firm from all factors at 35c gal.

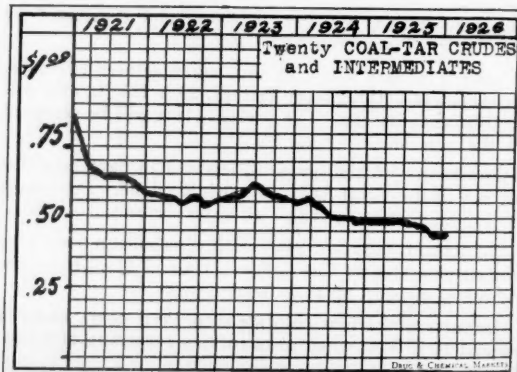
Toluene—Distributors indicate that the demand has increased during the past week, but prompt shipments are being made in most instances. The fact that producers recently caught up with standing orders, placed consumers in possession of more material than they actually needed since they had placed orders in excess of their needs when the market was tight. Surplus lots in consumers' hands have been consumed and the demand is now on a steadily increasing basis.

Xylene—Market remains very steady in all quarters with consumers apparently able to locate close to sufficient supplies. No spot lots are available and the market is very steady with prices named at unchanged figures.

Intermediates

Acid Gamma—Open quotations are unchanged from all makers although shading is reported in some instances.

Acid H—Market is lower with several makers naming 63c@68c lb, and shading to much lower figures reported but not confirmed. One leading maker continues to quote 68c@72c lb.



Acid Monosulfonic—Steady consuming demand is reported by makers who quote firm prices at last week's reduction to \$1.65 lb in single barrels.

Benzidine—Market is unsettled in some directions although open quotations are given at unchanged figures of 72c@76c lb.

Dimethylaniline—Open quotations from leading makers remain at 32c lb for carlots, and 33c@34c lb for less carlots. Shading of these figures by some makers continues to be reported and the market appears none too firm.

Dinitrobenzene—Makers have advanced quotations ½c lb, and quotations are given at 15c@15½c lb.

Dinitrochlorbenzene—Prices have been advanced ½c lb, and makers name 15½c@16c lb as to quantity.

Ethyl-Benzyl-Aniline—Although leading makers continue to name unchanged prices of \$1.05@1.10 lb as to quantity, shading of these prices is apparently being indulged in many directions and the situation is unsettled.

Meta-Nitro-Para-Toluidine—Market remains quiet with a steady consuming demand reported. Prices are fairly steady at \$1.80 lb for single barrels.

Ortho-Toluidine—Makers are firm in their quotations of 25c@27c lb as to quantity.

Para-Nitroaniline—Further settling of prices is reported for the past week, and leading makers now offer single barrels of lake-makers' grade at 50c@51c lb. Competition is sharp and quotations of 48c lb are given in the market, and it appears that this price is being met by other makers on many occasions. Settling of the general market to 48c lb does not appear far off.

Para-Toluidine—Although stocks in makers' hands are large and there is apparently no outlet for them, firmness in prices is reported and an advance likely.

R Salt—Lake-makers grade has been advanced to 48c lb for single barrels and a steady consuming demand is reported at this price.

Sodium Naphthionate—Market is generally quoted by makers at unchanged prices of 55c@59c lb as to quantity, but shading is reported but not confirmed.

Toluidines Mixed—Quiet market is reported by makers with quotations given at 30c@31c lb.

NEWPORT OFFERS NEW COLORS

Newport Chemical Works are offering two new colors, Newport Direct Fast Brown T2G, and Newport Direct Fast Scarlet 4BS. Direct Fast Brown T2G is said to possess valuable features for dyeing rayon, cotton and silk. It is of good solubility, level dyeing and exhausts gradually, and is therefore recommended for use not only as a self-color but as a base for other shades of brown. General fastness is good, and fastness to steaming is excellent. It discharges clear white.

Newport Direct Fast Scarlet 4BS is suited to dyeing cotton in all stages of manufacture. Its good solubility and level dyeing properties make it particularly valuable for machine dyeing. It has good fastness to washing, cold water rinsing, acid and alkali. Due to the purity of its shade it is especially suited to dyeing rayon. Pure silk is dyed well in acid bath. Dyed neutral shade is much weaker. Lustron and Celanese are left white.

A fair business is being done in chemicals and dyestuffs in the Boston market, but it is not expanding to the proportions anticipated. The bulk of the merchandise now moving is under contracts and spot purchases are conspicuously light. There has been no outward manifestation of a decline in prices, but due to the keen competition it is probable that some shading is being done. The demand from tanners is disappointing.

SWITZERLAND SENT 50 PER CENT OF DYES

January Imports Amounted to 190,057 Pounds, Valued at \$184,018—Coal-Tar Dyes and Colors in Warehouse on Dec. 31 Amounted to 633,525 Pounds, and Coal-Tar Intermediates 758,618 Pounds—Imports of Medicinals Were 211,832 Pounds

Dye imports for January amounted to 190,459 pounds, valued at \$184,018. The amount imported through New York is stated by the Chemical Division of the Bureau of Foreign and Domestic Commerce and Chemical Division of the Tariff Commission to have been 179,785 pounds and through Boston, 10,474 pounds.

The five leading dyes imported in January are Ciba violet R (single strength), 17,630 pounds; Ciba scarlets (single strength), 15,285 pounds; Cross dye green B, 2G, 8,838 pounds; Helindone red 3B (single strength), 6,133 pounds; Trisulphon brown GS, 5,004 pounds.

Dyes and intermediates remaining in bonded customs warehouses are as follows:

Date	Coal-tar Dyes and Colors (Pounds)	Coal-tar Intermediates (Pounds)
July 31, 1925	775,916	1,378,837
Aug. 31, 1925	767,431	1,363,760
Sept. 30, 1925 ..	709,381	1,359,717
Oct. 31, 1925	609,750	1,055,241
Nov. 30, 1925	521,238	746,226
Dec. 31, 1925	633,525	758,618

The per cent of dyes by country of shipment in January was: Switzerland 50 per cent, Germany 27 per cent, France 11 per cent, England 6 per cent, Belgium 3 per cent, Canada 1 per cent, Italy 1 per cent, Holland 1 per cent.

The total imports of synthetic aromatic chemicals for the month of January were 8,690 pounds, with an invoice value of \$11,165.

The total imports of medicinals, intermediates, photographic developers, and other coal-tar products for the month of January were 211,832 pounds, with an invoice value of \$50,342. Imports of color lakes for the month of January totaled 2,773 pounds, with an invoice value of \$2,393.

Neocellon, Ltd., London announces a new flame-proofing solution for use on artificial silk which has no effect on the tensile strength or color of the material. It does not crystallize out or produce stiffening, and the flame-proof properties of the silk are practically permanent.

Benzol-Verband G. m. b. H., Bochum, which distributes the bulk of Germany's benzol production, has reached an agreement with the two largest German gasoline concerns for uniform procedure in selling a benzol-gasoline mixture of similar composition.

The Dyestuffs Department of E. I. du Pont de Nemours & Co., Wilmington, Del., has appointed F. W. Wolff as sales manager of intermediates and rubber chemicals and of W. W. Rhodes as sales manager of agricultural and miscellaneous chemicals.

Pepperell Manufacturing Co., Biddeford, Me., has reduced the operating schedule of the Lewiston Bleachery & Dye Works to two days a week in consequence of the interference with production of the Pepperell Mill on account of the strike.

Jordan Company, Berlin, Germany, a subsidiary of Vereinigte Glanzstoff, has dismissed 800 employees, owing to lack of work.

The Oil Market

Current Spot Quotations for Oils, Greases, page 433

PALM OIL BREAKS; MARKET VERY WEAK

Coconut Oil Down Again—Palm Kernel Oil Lower—
Rapeseed Oil Down Sharply—Linseed Oil Firm—
Cottonseed Oil Higher—Foots Up for Shipment—
Lard Oil Shaded—Neatsfoot Oil Off—Tallow Shaded
Fish Oils Weaken—Cod Oil Lower—Menhaden Oil
Down

PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced		Declined	
Cottonseed Oil, Crude, $\frac{1}{2}$ c D.		Olive Oil Foots, Shipment, $\frac{1}{2}$ c D.	
Coconut Oil, $\frac{1}{2}$ c D.		Neatsfoot Oil, Extra, $\frac{1}{2}$ c D.	
Cod Oil, 3c gal.		Neatsfoot Oil, No. 1, $\frac{1}{2}$ c D.	
Lard Oil, Edible, $\frac{1}{2}$ c D.		Palm Oil, $\frac{1}{2}$ c D.	
Lard Oil, Extra, $\frac{1}{2}$ c D.		Palm Kernel Oil, $\frac{1}{2}$ c D.	
Lard Oil, No. 1, $\frac{1}{2}$ c D.		Rapeseed Oil, 4c gal.	
Lard Oil, No. 2, $\frac{1}{2}$ c D.		Tallow, City Extra, $\frac{1}{2}$ c D.	
Menhaden Oil, 2c gal.		Tallow, Edible, $\frac{1}{2}$ c D.	

		Trend of the Market					
		Today	Last Week	Last Month	Last Year	Peak	Pre-War
Cod Oil, N Y	gal.	\$.63	\$.69	\$.70	\$.58	\$ 1.26	\$.26 $\frac{1}{2}$
Degrae American, bbl.	D.	.04 $\frac{1}{2}$	.04 $\frac{1}{2}$	.04 $\frac{1}{2}$	.04 $\frac{1}{2}$	.23	.03 $\frac{1}{2}$
Lard No 1	gal.	.93	.97	.91	.91	2.90	.92
Menhaden, crd., tks	D.	.55	.55	.55	.55	1.20	.33
Neatsfoot 20° c. t.	gal.	1.56	1.56	1.27 $\frac{1}{2}$	1.31	8.45	.95
Red Oil distilled	D.	.10 $\frac{1}{2}$	.10 $\frac{1}{2}$	.11 $\frac{1}{2}$	.11 $\frac{1}{2}$	.17	.07
Stearic Acid, T.P.	D.	.17 $\frac{1}{2}$	.17 $\frac{1}{2}$	.18	.16 $\frac{1}{2}$	.33	.12
Coconut, Ceylon tks	D.	.10 $\frac{1}{2}$	.10 $\frac{1}{2}$	.10 $\frac{1}{2}$	.10 $\frac{1}{2}$	.30	.14
Cottonseed crude, tks	D.	.10	.09 $\frac{1}{2}$	.08 $\frac{1}{2}$	.09 $\frac{1}{2}$	.25	.08
Linseed crude	gal.	.84 $\frac{1}{2}$	.84 $\frac{1}{2}$	.90 $\frac{1}{2}$	1.16	1.85	.57
Olive, denatured	gal.	1.20	1.20	1.23	1.30	4.50	1.05
Peanut, refined	D.	.15	.15	.15	.16	.30	.08
Soya Bean bbis	D.	.13 $\frac{1}{2}$	.13 $\frac{1}{2}$	.13 $\frac{1}{2}$	.13 $\frac{1}{2}$	.19 $\frac{1}{2}$	.07
Average		4.82	4.89	4.91	0.510	5.92	1.56

Prices on vegetable oils continued to break further during the week due to the absolute lack of consuming demand. While some factors were of the opinion that bottom was being dragged, there was nothing tangible that would indicate any recovery shortly. The weakness this week not only included further reductions in products that had declined before, but extended to heretofore unaffected items. Factors still point to the fact that the three months ahead were always the months of greatest demand in years past, but such a quiet condition as has existed since the first of the year has not been experienced in many years. Coconut oil supplies are burdensome as are stocks of palm oil, chinawood oil, and rapeseed oil.

Animal oils and fats remained fairly steady considering the weakness of vegetable oils. Tallow is slightly lower again, and shading of lard oil and neatsfoot oil prices is announced by makers. Fish oils are lower from main factors due to declining demand from consumers.

Vegetable Oils

Castor Oil—Market is quoted at recent reduction although consuming demand is of slight volume.

Chinawood Oil—Market is rather unsettled due to some weak holders being in possession of fairly large supplies. General quotations are at last week's reduction although shading is more than probable.

Coconut Oil—Prices have declined again for spot and shipment due to weak holders liquidating some of their holdings in the face of a very slight demand. Ceylon is named at 10c@10 $\frac{1}{4}$ c lb in tanks at New York, and barrels at 11c@11 $\frac{1}{4}$ c lb; Cochin at 10 $\frac{1}{4}$ c lb in tanks

at New York, and 11 $\frac{1}{4}$ c@12c lb in barrels; Manila at 9 $\frac{1}{2}$ c lb in tanks at Pacific Coast, and 10 $\frac{1}{4}$ c@11c lb in barrels.

Cottonseed Oil—Crude oil is higher at 10c lb in tanks at mills. Prime summer yellow oil opened this week at 11.2c lb spot. Futures were higher at this week's opening although factors were of the opinion that prices would not hold due to the large production and apparently quiet demand for the entire list of vegetable oils. Opening quotations Monday were: Feb. 11c lb bid, 11 $\frac{1}{4}$ c lb asked; March 11.05c bid, 11.10c asked; April 11.05c bid, 11 $\frac{1}{4}$ c asked; May 11.15c bid, 11.17c asked; June 11.15c bid, 11.3c asked; July 11 $\frac{1}{4}$ c bid, 11.3c asked; August 11.32c bid, 11.37c asked; Sept. 11.3c bid, 11.35c asked.

Linseed Oil—Open quotations are unchanged from last week at 11.3c lb for carlots of barrels on spot and for shipment through April, and 11 $\frac{1}{2}$ c lb for shipment from May to August. Crushers are quite firm at these figures due to the apparent strength of the seed markets at the moment. Consumers bought fairly well on the rise from 11.1c lb, but are now holding off as the situation has displayed no further strength. London oil is named at 31s 6d; and Antwerp is quoted at 330f. Seed markets opened the week as follows: Winnipeg May \$2.14 $\frac{1}{2}$; July \$2.14 $\frac{1}{2}$; Oct. \$2.09 $\frac{1}{2}$; Duluth Feb. \$2.43 $\frac{1}{2}$ asked; March \$2.44 $\frac{1}{2}$ asked; May \$2.44 $\frac{1}{2}$; July \$2.47 $\frac{1}{2}$ asked; Minneapolis May \$2.47 $\frac{1}{2}$ @\$2.48; July \$2.51 asked; Buenos Aires Feb. \$1.65.

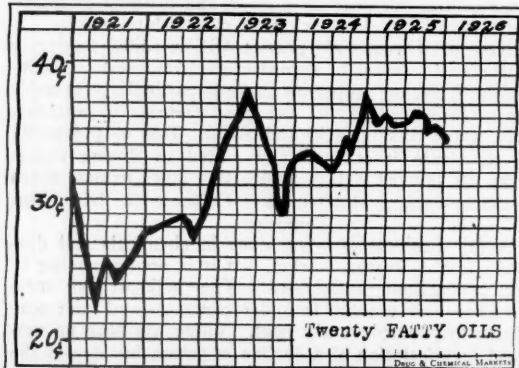
Olive Oil—Market remains fairly steady at \$1.20@ \$1.25 gal. for denatured oil, although shading is indicated by some factors.

Olive Oil Foots—Spot foots are firm and unchanged at 8 $\frac{1}{2}$ c@8 $\frac{3}{4}$ c lb, but shipments are higher at 8 $\frac{3}{4}$ c@9c lb.

Palm Oil—Market displayed considerable weakness during the week and prices broke for the first time in several months. Lagos oil is named at 8 $\frac{1}{2}$ c@9c lb in casks; and Niger at 7 $\frac{1}{4}$ c@8 $\frac{1}{4}$ c lb.

Palm Kernel Oil—Lower prices are prevalent due to lack of demand and holders quote 9 $\frac{1}{4}$ c lb for casks, and 10 $\frac{1}{4}$ c@10 $\frac{1}{2}$ c lb for barrels.

Rapeseed Oil—Stocks are large and demand small. Spot and shipment are offered at sharply lower prices. Holders of spot stocks name 86c@90c gal. as to seller, quantity, and country of origin. Shipment for Feb. is named as low as 82 $\frac{1}{2}$ c gal.



Animal Oils

Greases—Quotations from makers show no variation in any grade and a steady consuming demand is reported.

Lard Oil—Edible prime is lower from makers at 17½c lb. Extra is also lower at 13¾c lb. Extra No. 1 has been shaded to 13¾c lb, and Extra No. 2 to 13c lb.

Neatsfoot Oil—Extra is lower at 13¾c lb from makers, and No. 1 has been reduced to 13¾c lb. Other grades are quoted at firm unchanged prices and a ready outlet is reported for all offerings.

Oleo Oil—All grades are quoted at firm unchanged prices from makers.

Tallow—Market continues to ease off due to small demand from consuming channels. City extra is lower at 9¾c lb; and edible is quoted lower at 10½c@11c lb.

Fish Oils

Cod Oil—Lower prices are named by leading factors following a period of stunted demand and offerings of tanks at New York are made at 60c gal, while barrels are offered at 63c@65c gal.

Menhaden Oil—Refined oils are lower from principal factors due to slight consuming demand and rather burdensome stocks. Light pressed is quoted at 70c@72c gal.; yellow bleached at 73c@75c gal.; and extra bleached at 75c@77c gal.

Sperm Oil—Market is quiet but prices are being fairly well maintained at unchanged figures.

EXPORTS OF PAINTS INCREASE

Gain of 29 Per Cent in 1925 Shipments Over 1924—Turpentine Sales Increase

(Special to DRUG & CHEMICAL MARKETS)

Pigments, paints and varnishes equalled 12 per cent of the total of \$18,511,000 chemical exports in 1925, and surpassed the shipments of the preceding year by 29 per cent. More than double the amounts of zinc oxide and of enamel paints were sent to foreign countries in 1925 than in 1924 while sales of all the other items of the group with the exception of white lead exceeded those of the preceding year but to a lesser extent.

The exports of the leading items in 1925 were: Mineral earth pigments, 31,267,500 pounds, \$903,800; zinc oxide, 21,710,000 pounds, \$1,503,600; lithopone, 2,573,400 pounds, \$132,800; carbon black, 43,182,600 pounds, \$3,555,800; bone and lamp blacks, 3,804,000 pounds, \$249,600; red lead, 1,604,500 pounds, \$183,600; white lead, 13,663,300 pounds, \$1,293,200; enamel paints, 2,662,800 pounds, \$882,500; other ready mixed paints, 2,236,800 gallons, \$4,657,800; other prepared paints, 11,437,900 pounds, \$2,363,400; oil varnishes, 712,000 gallons, \$1,279,400; and other varnishes, 395,000 gallons, \$745,700.

During the year 1925 the naval stores group represented one-fifth of the total chemical trade and registered an improvement of 25 per cent over the preceding year, having attained an aggregate value of \$32,119,200. A higher price in rosin characterized the trade of the commodity which declined in quantities shipped from 1,452,400 barrels in 1924 to 1,172,300 barrels in 1925, while the values rose from \$13,754,800 to \$18,888,500. The United Kingdom, Brazil, Argentina, Japan and Canada were the leading purchasers in the order named.

Foreign sales of spirits of turpentine were stimulated somewhat in 1925 and equalled 11,557,200 gallons, valued at \$11,346,500. Over one-half of the turpentine was taken by the United Kingdom, with Germany, Netherlands, Belgium, and Australia other important buyers. Not much change was made in the other items of the group.

SAYS U. S. LEADS IN COTTONSEED OIL

Tariff Commission Reports on Vegetable Oil Investigation—Costs of Crushing—Mills For Producing Coconut Oil During the War Cease Operations—Foreign Countries Refuse to Give Costs of Production

(Special to DRUG & CHEMICAL MARKETS)

Washington, D. C., Feb. 8—The Tariff Commission in its annual report discussing investigations in progress has the following to say about its vegetable oil survey:

"Cottonseed oil—The United States is the largest producer of cottonseed oil. Great Britain and China are the two most important foreign producing countries. The cottonseed crushed in Great Britain is practically all imported from Egypt and India; that crushed in China is grown locally.

"The domestic costs obtained are for crushing between 50 and 55 per cent of the total quantity of cottonseed crushed in this country, during the two crushing seasons, 1922-23 and 1923-24. Costs obtained in Great Britain are for 1923 and the first six months of 1924 for about 60 per cent of all seed imported. Costs obtained in China are for the fiscal year 1923-24 for crushing of 114,636 short tons of cottonseed. No accurate information is available as to what percentage this is of the total seed crushed in China.

"Coconut oil—During the war, mills for crushing imported copra were established in the United States, principally along the Atlantic and Pacific coasts. Practically all the mills on the Atlantic seaboard have ceased operations since the war, and the industry is now confined to the Pacific coast, and to one crusher in the Middle West. Most of the copra crushed in the United States is imported from the Philippine Islands. Outside of the United States the most important foreign crushers are British India, Ceylon, Holland, and the Philippine Islands.

"The larger portion of all coconut oil imported into the United States enters duty free, for it originates in the Philippine Islands, from which products shipped to the United States are exempt from duty. Since the World War the islands have become an important exporter of coconut oil.

"In the United States production costs for more than 75 per cent of the copra crushed were obtained for 1923 and for the first six months of 1924. In Holland costs were obtained for the same period for about 50 per cent of the net imports of copra in that country. British India has only one large copra crushing company, and costs for that and estimates of the costs in the small native mills were obtained by the commission. In Ceylon the two or three large crushing companies were unwilling to divulge their costs to the representatives of the commission. In the Philippine Islands costs were obtained for practically the entire crush of copra."

Granville M. Breinig, chairman of the National Clean Up and Paint Up Campaign Committee, has appointed as chairman of the advertising men's division of the H. C. Bursley of Murphy Varnish Co., Newark, N. J., as chairman of the advertising men's division of the committee, which has been created to supervise the production of campaign material.

Exports of castor seed from all ports of India during the first ten months of 1925 amounted to 97,424 tons as compared with 73,247 for the same period in 1924. Exports of the oil were 646,000 gallons as against 400,000 gallons for the same periods.

Geo. M. Angier, Allston, Mass., died at Newton, Mass., Feb. 1, at the age of 58.

Miscellaneous Raw Materials

Heavy Chemicals 414-432, Tan and Dyestuff 414-432, Fatty Oils, 433

GROUND TANKAGE REGISTERS AN INCREASE

Heavy Demand For Domestic Material Causes Price Rise—Other Fertilizer Materials Quiet But Firm—Antimony Firmer at Origin and on Spot—Accelerators Continue Quiet—Rosins and Turpentine Offered at Previous Levels—Starches and Dextrins Firm

PRICE CHANGES IN NEW YORK (Stocks in First Hands)

	Advanced	
	Rosin N 10c per 280 lbs.	
	Declined	
	Rosin B 35c per 280 lbs.	
	Rosin F 25c per 280 lbs.	
	Rosin H, G 30c per 280 lbs.	
	Rosin I 05c per 280 lbs.	
	Rosin K 15c per 280 lbs.	
	Rosin M 10c per 280 lbs.	

Due to a very good demand for domestic ground tankage, the spot market has firmed considerably and factors here are quoting \$4.40 and 10c per unit. Other fertilizer materials are not so active, but there is a strong undertone to the market, with prices well maintained all along the line. Nitrate of soda is not moving up to sellers expectations, but it is predicted that trading will set in shortly. Insecticides and fungicides are likewise very quiet, with the market none too strong and in a neglected state. There has been a reaction in accelerators, and the market has quieted down considerably this week. Inquiry is not in large volume and little actual trading is being done. Egg albumen is off

a bit, which is attributed to the competition of low quality parcels rather than a falling off in demand. Dye-woods and extracts are unchanged. A better inquiry has been in evidence this week from the tanners and some activity is looked for. Rosins and turpenines are quoted on a par with last week's figures, with a firm tendency, but a light demand.

ACCELERATORS

Aldehyde Ammonia—Sellers report the market as being quiet, naming 90c@93c lb as the current spot market.

Diortho-tolylguanidine—Small buying interest at the moment. Quotations of \$1.05@\$1.08 lb are heard.

Diphenyl-guanidine—Although factors expect a better inquiry later in the month, the market is quiet this week, and parcels are available at 90c@93c lb.

Hexamethylene—Trading has dropped off a bit and quotations are heard at unchanged figures.

Triphenyl-guanidine—Sellers state that limited sales in a routine manner are being made at 72c@73c lb.

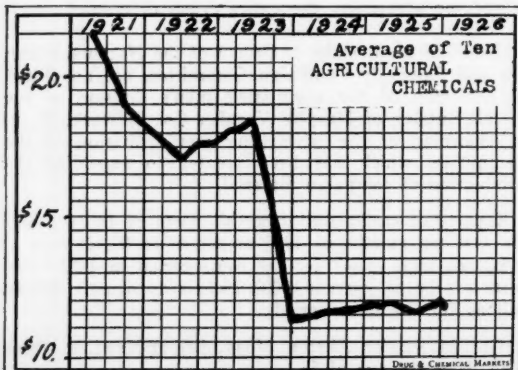
ALBUMENS

Blood—The anticipated rise in the price of blood albumen, caused by the scarcity of spot stocks, partially materialized this week when leading factors advanced their minimum spot price to 53c@60c for small parcels. It is stated that this price can be shaded on larger business.

Egg—Edible albumen is offered this week at \$1.07@ \$1.09 lb on spot. This marks a slight decline, which

Agricultural Chemicals

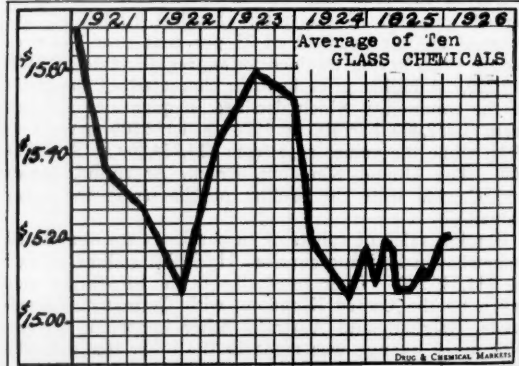
	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Acid Sulfuric, 66° ..ton	\$14.00	\$14.00	\$14.00	\$14.00	\$55.00	\$20.00
Am. Sulfate, ..100lbs.	2.95	2.95	2.95	2.75	1.75	2.65
Arsenic, .....	.03	.03	.03	.05%	.18	.04
Copper Sulfate ..100lbs	4.30	4.30	4.45	4.70	20.00	4.05
Paris Green .....	.19	.19	.19	.21	.50	.11
Potash Muriate, 90% ton	34.90	34.90	34.90	34.55		
Potash Sulfate, 90% ton	45.85	45.85	45.85	45.85	440.00	48.07
Phosphate, Acid 18% ton	10.00	10.00	10.00	9.50	11.00	3.00
Phosphate Rock, 68%	2.75	2.75	2.75	2.25	11.00	3.00
Sodium Nitrate ..100lbs.	2.67	2.67	2.67	2.65	5.00	1.90
Average	11.779	11.785	11.785	11.650	103.50	13.84



INDUSTRIAL CHEMICAL SECTION

Glass Chemicals

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Arsenic	100lbs. \$3.00	\$3.00	\$3.00	\$5.75	\$18.00	\$4.00
Fluorspar 96% c i f ton	33.50	33.50	33.50	34.00	60.00	28.00
Limestone ground ..ton	4.50	4.50	4.50	4.50	8.50	4.00
Litharge	100lb. 11.50	11.50	11.50	12.25	17.00	9.00
Salt Cake	ton 19.00	19.00	19.00	18.00	40.00	15.00
Silica, crude	ton 6.00	6.00	6.00	10.00	20.00	8.00
Soda Ash Dense ..100lb.	1.45	1.45	1.45	1.45	4.10	.69
Sod'm Silicofluoride 100 lb	4.25	4.25	4.25	4.50	10.00	3.50
Sod'm Sulfate, anhy 100 lb.	4.50	4.50	3.00	3.00	10.00	3.50
Tin Oxide	100 lb 64.00	66.00	66.00	58.00	100.00	60.00
Average	15.020	15.220	15.070	15.020	28.56	18.07



DRUG & CHEMICAL MARKETS

sellers state is due to the presence of several low grade parcels in the market. Demand continues brisk and an advance is looked for when the inferior material is taken off the market. Technical is also lower at \$1.02@ \$1.04 lb. Shipment prices continue very firm.

Vegetable—No change has been reported in vegetable, with dealers naming 60c@65c per lb for edible and technical.

CLAYS AND FILLERS

There has been no marked change in this market during this week. Clays and other paint materials are reported to be moving in a fair sized volume. Trading in china clay has been noticeable in both domestic and imported. Importers are quoting \$15.00@23.00 ton spot as to quality. Domestic barytes is offered at \$23.00 @25.00 f. o. b. works. Talc and whiting are moving in a routine manner.

COLORS AND PIGMENTS

Carbon Black—The price f. o. b. works continues at 8c lb but sellers ideas were a shade higher. The New York market is unchanged at 12c lb. A fair demand was in evidence.

Blues—Trading in iron blues is being done on the basis of 31c@32c lb. Competition for business holds the market at these figures and though higher prices are heard, this figure can be generally done.

Chrome Yellow—A continuance of competition for business holds the current market at 16c@17c lb f. o. b. works in the east. A good inquiry is said to be in evidence.

Chrome Green—C. P. Green is quoted at 26½c@29c per lb as to seller and quantity.

Red Toners—Para is quoted at 80c@85c lb and lithol is also named at the former level of 85c lb.

Dye and Tan Woods

Divi Divi—There is little interest in divi divi at the

moment, and prices are at \$49.00@50.00 per ton for shipment.

Hemlock Bark—Prices of \$16.00 per ton are heard in this market, with small inquiry.

Mangrove Bark—At the current price of \$44.00 per ton, mangrove is practically neglected.

Myrobalans—Quotations at the moment are: J1 \$41.00 \$42.00 ton; R2, new crop, \$34.00 ton and J2, new crop, \$33.00 ton. It is stated that interest is reviving.

Sumac—The consumers are expressing an interest in sumac recently and business has been done for shipment at about \$100.00 per ton.

Valonia—Sellers report that trading in valonia has picked up somewhat. Sales are said to have been made on the following basis; beards \$55.00 ton; cups \$34.00 ton and mixture \$39.00@40.00 ton.

Wattle—The recent advance in wattle bark to \$40.75 @41.00 per ton for shipment has been maintained, with some interest on the part of the tanners.

EXTRACTS

A continuance of the quietness that has prevailed in the extract market of late was in order this week. Chestnut was of some interest with sales reported at about 2c in tanks, f. o. b. works. Cutch was quiet with dealers naming 5½c@5¾c lb for Borneo. Gambier and quebracho were quiet and unchanged.

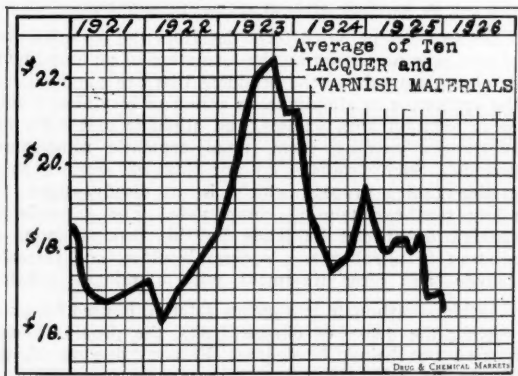
FERTILIZERS

Nitrate of Soda—This market has been quiet but firm during the past week. There has been only small inquiry on this market, principally from the Southern fertilizer buyers. Prices continue on the former level of a minimum price of \$2.71 for spot and February shipment and \$2.72 for March-May shipment. A sustained buying interest is expected daily by the trade.

Blood—South American blood continues easy and was again weaker and is offered at \$3.90 per unit for shipment. The local and Chicago markets are named at \$4.25 per unit f. o. b.

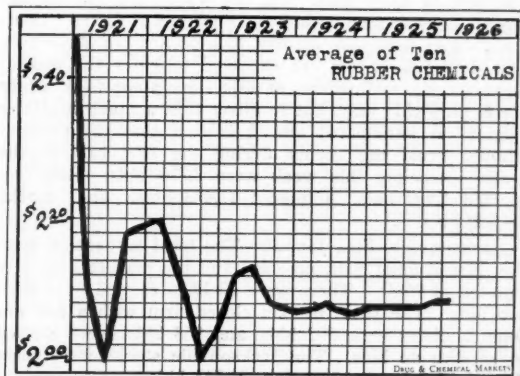
Lacquers and Varnishes

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Acetone c-l drs wks 10 lb	\$1.20	\$1.20	\$1.20	\$1.00	\$5.50	\$1.05
Butyl Al. drs wks 10 lb	1.95	1.90	1.90	2.70	—	—
China Oil, this NY 10 lb	1.95	1.28	1.30	1.48	2.00	.68
Copal Congo, Amber 10 lb	1.00	1.00	1.00	1.00	1.90	1.80
Fusel Oil gal.	1.40	1.50	1.80	2.60	4.00	2.50
Benz 90% the wks 10 gal	2.40	2.40	2.40	2.10	3.00	2.50
Linseed Oil, c-l bbls gal.	.84¾	.84¾	.89¾	1.17	1.88	.53
Rosin F grade Y ..26 lb	1.43	1.51	1.55	.83	1.70	.43
Soluble Cotton ....10 lb	4.00	4.00	4.00	4.00	—	—
Turp c-l ex-dock ..gal	1.04¾	1.11	1.11¾	.92¾	.70	.49
Average	1.628	1.678	1.704	1.720	—	—



Rubber Chemicals

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Antimony, Sulfide crim ..	\$3.39	\$3.39	\$3.39	\$3.39	\$4.5	\$3.35
Carbon Bisulfide .....	.06	.06	.06	.06	.50	.10
Carbon Black cases NY	.13	.13	.13	.09¾	.30	.14
China clay, Imp	16.00	16.00	16.00	16.00	20.00	14.00
Hexamethylene .....	.82½	.82½	.82½	.82½	1.35	—
Iron Oxide, Span .....	.03	.03	.03	.03	.04½	.05
Lithopone .....	.06¾	.06¾	.06¾	.06¾	.08	.04
Sulfur	3.05	3.05	3.05	3.00	6.50	2.75
Whiting, Dom	14.00	14.00	14.00	14.00	30.00	11.00
Zinc Oxide, Amer .....	.08¾	.08¾	.08¾	.08¾	.09¾	.09
Average	3.463	3.463	3.462	3.455	5.937	—



Tankage—Due to a good demand during this week the domestic price for ground tankage has been advanced to \$4.40 and 10c per unit. Some business has been put through at \$4.35 and 10c, but the market is generally quoted at the higher figure. South American tankage is offered at \$4.15 and 10c and domestic unground at unchanged figures.

Fish Scrap—Sellers are quoting \$4.75 and 10c per unit f. o. b. Baltimore, with only a small interest. The market is quite strong at these figures.

Phosphate Rock—68% Florida pebble is quoted at \$3.00@3.50 ton, f. o. b. mines, with stocks moving in a fair volume. The export shipment of rock has been badly handicapped by the diversion of cars for other purposes in Florida.

Sulfate of Ammonia—Is moving at unchanged prices in a small way. The demand has been small but prices are well maintained.

NAVAL STORES

The local rosin market had a firm undertone this week although prices are practically on a par with those of last week. There was some inquiry in evidence, but as a general thing consumers were not disposed to anticipate their needs. New York prices were: B \$13.75; D \$14.00; E \$14.40; F \$14.55; G \$14.55; H \$14.60; I \$14.90; K \$15.50; M \$15.60; N \$16.30; WG \$16.40; WW \$16.70.

Turpentine, likewise showed no material change this week, with prices just a shade easier than last week and named at \$1.01@1.05 gal. on spot. The market is firm as it is not expected that any further large shipments are expected from the South this season.

(Special to DRUG & CHEMICAL MARKETS)

Savannah, Ga., Feb. 6—The turpentine market closed this week without material change in either direction, although the market has been a shade firmer than last week. Dealers here quote 95c as the market with little interest shown. A bid of 95c was heard in the market, but was rejected. It is fully expected that the coming week will reveal sufficient demand to maintain the present market. It is anticipated that the near future will show a firmer and steady market. Until London prices adjust themselves to the situation here, prices will probably show no marked change. Receipts for the week were 492 bbls. Sales reported 181 (probably more sold but not reported). Shipments were 1,098 next week. Indications at this time point to a larger bbls. and Savannah stocks 1,588 bbls.

After a quiet opening early in the week, the rosin market took a brace here today and closed firm with the sale of 1,074 bbls. On the whole the market has been on the decline with B rosin offered at \$12.00 Savannah. The principal inquiry has been from exporters, but domestic buyers are expected to enter the market next week. Indications at this time point to a larger rosin crop this year, but to offset this, a much healthier inquiry is anticipated and it is said that the demand should equal the supply during the first half of the year. Receipts this week were 2,710 bbls. Sales reported 1,982 bbls.; shipment 11,478 bbls. and stocks 64,820 bbls.

Jacksonville, Fla., Jan. 30—The local turpentine market closed quiet with no sales and the market generally quoted at 96¼c. There were 63 bbls. carried over with no bids. The rosin market closed firm with a fair demand. Sales were 302 bbls. and 963 bbls. were carried over with no bids. The Jacksonville stocks were rosin 92,055 bbls., and turpentine, 23,547 bbls.

Science and Sales

The color and the odor are removed from animal fats and oils by treating them with gaseous sulfur dioxide in the presence of water with or without the application of heat and pressure, according to French Patent No. 590,400.

The difficulty encountered in the contact process of making sulfuric acid in the poisoning of the platinum catalyst and the necessity for regenerating it is overcome if the platinum catalyst is regenerated by subjecting it to the action of X-rays. (Prod. Nat. Acad. Sci., 1925, 646-651).

Barium peroxide, prepared in new form by the addition of a solution of hydrogen peroxide to a solution of barium hydroxide at a temperature below 20 degrees C., has the formula of BaO₂. The additional atom of oxygen to the molecule is said to endow this substance with superior oxidizing and bleaching properties as compared with barium peroxide. (Jour. Chem. Soc., 1925, page 2180).

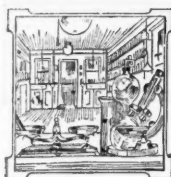
A process of making alcohols of the fatty variety by synthetic means (U. S. Pat. 1,566,818) consists in treating a monohalogenated hydrocarbon, such as chloromethane with an alkali, such as sodium hydroxide, dissolved in water and a small percentage of the alcohol that is being made, for example methyl alcohol, at a temperature of 100° C. under pressure. The alcohol is removed as formed so that the concentration is never more than 20%.

Fluorine compounds, such as cryolite, sodium silicofluoride and sodium fluoride, are used in making opal glass. These compounds are equally effective but calcium fluoride is less. The milky color is more easily produced in potash glasses than in soda glasses. Lead glass is more easily colored than the others. Arsenic oxide and potassium nitrate which have been supposed to increase the effect of the fluoride compounds, have been found to be without action. (J. Jap. Ceram. Assoc., volume 34, pages 280-94).

Hydrogen is becoming an element of increasing importance since the development of the synthetic ammonia process. British Patent No. 220,649 discusses a catalyst of the ferric oxide type which is employed in the manufacture of hydrogen from carbon monoxide and steam. The particular feature of this catalyst is that it is made by the use of high pressure without any binder. The catalyst comes in the form of tablets which do not disintegrate under the conditions of the reaction, are sufficiently porous to function efficiently as a catalyst and can be handled without special precautions.

German Patent No. 416,277 describes the manufacture of new tanning agents by the formation of an aluminum or chromium salt of the products that are obtained by the successive or simultaneous action of bisulfites, alone or in addition with sulfites, and aliphatic aldehydes or substances yielding them, upon aromatic nitro-compounds. Such products do not split off sulfuric acid in the tanning process, which is a disadvantage of many synthetic tanning compounds. For example a tanning agent can be made by this process from a mixture of nitrobenzene, sodium bisulfite, and formaldehyde, and after treatment with aluminum sulfate.

Lithium carbonate in aqueous solution is used for preventing the decay of citrous fruits, the process being carried out below 49 degrees F, according to U. S. Patent No. 1,560,558.



Drug & Fine Chemical SECTION



Suggest Hypodermic Tablet Tolerances

Joint Contact Committees, American Drug Manufacturers' Association, American Pharmaceutical Manufacturers' Association Make New Recommendations to Bureau of Chemistry—Supplement Previous Report—Results From Careful Analysis of Information Available—Suggested Tolerance for Emetine Hydrochloride Stricter Than U. S. P.—Majority of Tolerances Range 7.5 to 9 Per Cent.

The joint contact committees of the American Drug Manufacturers' Association and the American Pharmaceutical Manufacturers' Association have submitted the following report to the Bureau of Chemistry containing proposed tolerances for certain additional hypodermic tablets not listed in their previous report of November 24, 1924. In addition to the tolerances listed, the report contains detailed methods of testing the various tablets to ascertain whether they fall within the limits. The recommended tolerances are based on the methods of analysis, recommended by the committees. This report, like the preceding recommendations made to the Bureau, is based upon such information as was at hand and which seemed applicable to the problem. The committees state that all sources of information have not been exhausted. Hypodermic tablet control, viewed in the light of the committee recommendations, remains an open question as present-day experience accumulates. The committees regard all their recommendations as subject to future review and revision. As occasion arises they plan to ask for such changes as experience may show to be advisable. The report follows:

Codeine Phosphate—Hypodermic tablets of codeine phosphate shall not show a content of codeine alkaloid anhydrous ($C_{18}H_{21}O_2N$) not less than 61% nor greater than 73% of the labeled amount of codeine phosphate.

Pilocarpine Hydrochloride—Hypodermic tablets of pilocarpine hydrochloride shall show a variation (including all tolerances) not greater than 7.5% either way from the labeled amount.

Caffeine and Sodium Benzoate—Hypodermic tablets of caffeine and sodium benzoate shall show a content of caffeine alkaloid anhydrous ($C_8H_{10}O_2N_4$) not less than 43.5% nor greater than 53.7% of the labeled amount of caffeine and sodium benzoate.

Caffeine—Hypodermic tablets of caffeine shall show a variation (including all tolerances) not greater than 7.5% either way from the labeled amount.

Apomorphine Hydrochloride—Hypodermic tablets of apomorphine hydrochloride shall show a variation (including all tolerances) not greater than 9% either way from the labeled amount.

Hyoscine Hydrobromide—Hypodermic tablets of hyoscine hydrobromide containing small grainages (1/50 gr. or less) may show the same variation (including all tolerances) finally allowed for atropine sulfate tablets of like grainage.

Procaine—Hypodermic tablets of procaine shall show

a variation (including all tolerances) not greater than 7.5% either way from the labeled amount.

Morphine and Atropine—Hypodermic tablets of morphine and atropine shall show a variation in content of morphine sulfate (including all tolerances) not greater than 9% either way from the labeled amount. The tablets shall also show the presence of atropine when subjected to a physiological test.

Physostigmine Sulfate—Hypodermic tablets of physostigmine sulfate shall show a variation (including all tolerances) not greater than 10% either way from the labeled amount.

Physostigmine Salicylate—Hypodermic tablets of physostigmine salicylate shall show a variation (including all tolerances) not greater than 9% either way from the labeled amount.

Corrosive Sublimate—Hypodermic tablets of corrosive sublimate shall show a variation (including all tolerances) not greater than 9% either way from the labeled amount.

Emetine Hydrochloride—Hypodermic tablets of emetine hydrochloride shall show a variation (including all tolerances) in content of emetine hydrochloride containing 10% of water not greater than 7.5% either way from the labeled amount. While recognizing that the legal standard for emetine hydrochloride as given in the U. S. P. X. permits as much as 19% of moisture on drying, nearly twice as much moisture as is suggested in this recommendation the committees offer this tolerance as consistent with the best production practices now prevailing, and believe that this action will be a guide for the commercial production of these hypodermic tablets in the future.

Arecoline Hydrobromide—Hypodermic tablets of arecoline hydrobromide shall show a variation (including all tolerances) not greater than 7.5% either way from the labeled amount.

CURTIS GOES TO WILSON LABORATORIES

C. S. Curtis, manager of the chemical sales department of Abbott Laboratories, North Chicago, has become vice-president and sales manager of Wilson Laboratories and begins his active duties on Feb. 15. Mr. Curtis has been with Abbott Laboratories for 14 years and manager of the sales department for six years. He is president of the Chicago Drug and Chemical Association.

Kihei Konishi, importer and exporter, Osaka, Japan, has sold his business to Konishiki Shoten, Ltd., of which he is president. The purpose of the new company is to handle the growing business more efficiently and to further enlarge activities.

Van Ess Laboratories, Chicago, have bought the rights to An-A-Cin, made by Heidbrink Co., St. Paul. Blackett & Sample, Chicago, will direct the advertising of the product for Van Ess Laboratories.

The Fine Chemical Market

Current Spot Quotations for Fine Chemicals, see Chemical pages 414-432

CODLIVER OIL AGAIN DECLINES \$1.00

Approach of New Catch Affects Sellers—Menthol Again Reduced 25c lb.—Fusel Oil Lower But Manufacturers Predict Firmness Soon—Alcohol Still in Exceedingly Unsettled Condition—Emetine Alkaloid Advanced

PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced	
Emetine Alkaloid, 35c vial	Ammonium Bromide, Imp., 3/4c lb.
Declined	
Acid, Citric, Imp., 3/4c lb.	Guaiacol Carbonate, sec hnds., 10c lb.
Alcohol, resale, 5c gal.	Menthol, 25c lb.
Codliver Oil, \$1.00 bbl.	Thymol, 5c lb.
Fusel Oil 10c gal.	Zinc Sulfate, 2c lb.

	Trend of the Market					
	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Acetanilid	\$3.55	\$3.35	\$3.35	\$3.35	\$2.00	\$2.20
Acid Citric Import ..	.44 1/2	.45	.45	.46	1.25	.45
Caffeine, Alkaloid	3.75	3.75	3.75	3.75	13.00	3.65
Calomel, American	1.45	1.45	1.45	1.37	3.43	.90
Camphor, Jap ref .....	.73	.73	.71 1/2	.65 1/2	3.55	.41
Iodine, Resublimed	4.65	4.65	4.65	4.65	5.00	3.75
Menthol	6.00	6.25	6.75	12.00	13.50	3.00
Potassium Bromide, Cryst.	.48	.48	.48	.48	4.30	.80
Quinine Sulfate Imp ..	.50	.50	.50	.50	.90	.25
Sodium Salicylate .....	.40	.40	.40	.40	4.25	.27
Strychnine Sulfate ....	.42	.42	.42	.49 1/2	1.05	.50
Average	1.742	1.761	1.819	2.28	5.92	1.56

The fine chemical market continues to exhibit a healthy undertone with fair trading in evidence and prices of the principal items firm and unchanged. In a general way, there is less tendency to shaling, although that is still indulged in to a certain extent. There seems to be a vicarious firmness in the bromides, but so far as can be ascertained this is not sustained by any increased consuming demand. The near approach of the new catch in cod has caused a little uneasiness among holders of codliver oil and the price has declined. Menthol has again declined, despite an increasing consuming demand. Fusel oil has declined further, but manufacturers express confidence that this condition is merely temporary. The alcohol market remains demoralized with recent price cut having little actual effect on trading. Emetine alkaloid has been advanced with thymol, imported citric acid, resale lots of guaiacol carbonate, and zinc sulfate reduced in price.

Acid, Benzoic—Market is virtually unchanged with demand reported good and prices steady.

Acid, Carbolic—Sellers report poor demand. Prices are unchanged and little tendency to shade seems in evidence.

Acid, Citric—The recent reduction in domestic acid has made its effect on the imported goods which are now available at 44 1/2c@45c lb. Shipment positions are still firm and above spot prices.

Acid Salicylic—Good seasonal demand is in evidence with prices steady and competition among manufacturers less keen.

Acid, Tartaric—Import prices are above spot prices for imported goods and the market is generally quite firm. Demand is comparatively quiet at present.

Adeps Lanae—Increased demand is reported with

prices generally unchanged although some sellers are found at 18c for the hydrous and 20c for the anhydrous.

Alcohol—The recent reduction by leading distillers has done little to change the general aspect of the market. It is reported that some distressed lots were available late last week as low as 30c gal. The spot market ranges around 34c@36c gal. in drums for denatured grades, with the large distillers quoting 40c gal.

Alkaloids—Routine business is being done in this group with little of spectacular interest occurring. Emetine alkaloid has been advanced to \$1.65 for each 15 grain vial. Recently offered lower priced lots in second hands of a number of items, seem to have had little actual effect on the market.

Amidopyrine—Market continues normal with routine trading being consummated at unchanged prices.

Antipyrine—This situation remains unchanged with manufacturers firm in their price of \$1.75@1.80 lb while one or two outside lots are still available at as low as \$1.70 lb.

Bromides—Additional firmness in this market seems to be mainly anticipatory. Trading between dealers is somewhat more active and ammonia has now advanced to 51c@53c lb. Potash and soda are generally unchanged although some holders are inclined to quote higher prices for potash. Large lots are still lying idle on the spot market, however. Most of the advancing tendency seems to be speculative rather than based on consuming demand.

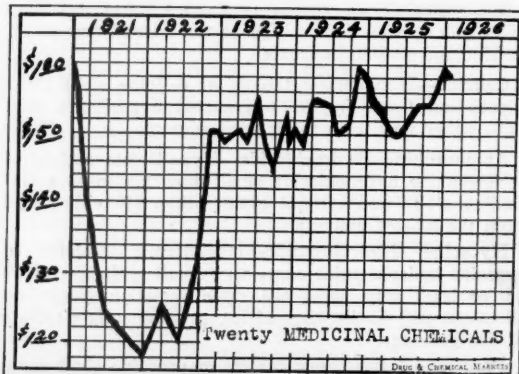
Camphor—Recent advance to 73c lb for Japanese slabs, seems to have had little effect as far as changing the actual market. Prices are well maintained and demand normally active.

Chloramine—U. S. P. goods are firm at the recent advance with no further change seen.

Codliver Oil—There has been some improvement in demand, but the imminence of the new catch, seems to be influencing holders to rid themselves of spot stocks and the price has declined to \$35.00@38.00 as to brand. Little buying is reported from Norway and holders there seem inclined to shade prices.

Cream of Tartar—Prices are steady and firm with a good undertone noted in trading.

Formaldehyde—There has been no change in this situation with demand still in excess of production.



DRUG & CHEMICAL MARKETS

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Fusel Oil—Manufacturers persist in predicting higher prices, and point to the fact that production will fall off with the approaching end of winter and consumption will become more active as the season advances. Spot prices have declined further, however, and sales have been made as low as \$1.40 gal. Range of prices is \$1.40@\$1.60 gal.

Glycerin—Trading is very inactive and market is weak and unsteady. Prices have shown no actual change.

Guaiacol Carbonate—Resale lots are again lower and goods are now quoted at \$2.00@\$2.10 in second hands, with factors unchanged at \$2.50@\$2.75 lb.

Iodine—No change is seen in this market with prices steady and demand normal.

Iron Salts—Market continues routine with no change seen in prices.

Menthol—Buying is reported on the increase with less speculation in evidence. Price has further declined to \$6.00@\$6.25 lb in cases.

Mercury—Replacements continue high, but the spot market is exceedingly quiet and prices in New York are unchanged, with a little shading in evidence.

Mercurials—Good normal activity is noted with prices firm at recently established figures.

Papain—Activity has been very good and stocks are scarce. Price is maintained in some quarters as high as \$4.00@\$4.25 with some goods available at \$3.50 lb.

Quinine—Market remains nominally at 50c oz. for sulfate and 45c oz. for the bisulfate. This is generally shaded, however, and many factors anticipate a reduction in the near future.

Sodium Citrate—Price has been reduced by makers to 45c@47c lb for U. S. P. X and 38c@40c lb for U. S. P. VIII.

Thymol—There has been a further easing of the spot market and the price is now down to \$3.90 lb.

Zinc Sulfate—U. S. P. sulfate has been reduced by factors to 8c@9c lb in kegs or barrels.

BRITISH FINE CHEMICAL OUTPUT JUMPS

(Special to DRUG & CHEMICAL MARKETS)

Washington, D. C., Feb. 8—England's production of fine chemicals has increased 300 per cent since 1923, according to a report to the Department of Commerce from the American Consulate, London. In 1913 the total weight of fine chemicals made by eleven firms in England was 69,945 hundredweight. That quantity had increased in 1924 to 215,240 hundredweight, made by eighteen firms. The total weight exported by four firms in 1923 was 17,851 hundredweight, whereas this figure had increased to 33,154 hundredweight in 1924 by eleven firms.

The total value of fine chemicals made in 1913 amounted to £874,381 and this had risen in 1924 to £2,598,357. (Value pound sterling in 1925 was \$4.83). The value of imports had risen from £188,384 in 1913 to £570,675 in 1924. The proportion of the exports to the whole trade was 32 per cent in 1913 and 27 per cent in 1924, but the average increases in the value of the business done were, in the home trade, 184 per cent, and in the export trade, 122 per cent. These figures related only to the chemicals in list H (which includes synthetic organic chemicals and fine chemicals and those manufactured by the fermentation process) under the Safeguarding the Industries Act.

Hoshi Pharmaceutical Co., Ltd., and their distributors, the Konishiki Shoten, Ltd., Osaka, have issued to their trade a calendar for the year 1926.

PEPPERMINT OIL EASIER IN LONDON

Oil Lime and Linseed Oil Firmer—Higher Prices Asked for Oil Lemon, Camphor Oil, Canadian Balsams, Valerian Root and Honduran Sarsaparilla—Borax Price Slumps

(Special Radiogram to DRUG & CHEMICAL MARKETS)

London, Feb. 10—Trading in crude drugs and fine chemicals is quiet this week. Higher prices are wanted for oil lemon, camphor oil, Canadian balsam, valerian root and Honduran sarsaparilla.

The market is firmer for oil lime and linseed oil, and easier on American peppermint oil, cloves, oil cloves, castor oil, albumen and mercury.

Quotations are lower for borax sold to home trade, and sales have been made £2 per ton cheaper. Boracic acid, pepper, shellac, oil lavender and vanilla are lower.

London, Feb. 1 (By Mail)—Carbolic acid crystals are in better demand, advancing to 5d per lb f. o. b. on drums in quantity, with strong upward tendency.

Cresylic acid followed in sympathy up to 10d per gallon for pale 97-99% quality.

In Japan mint oil, "bear" operations of some magnitude continue to adversely affect the market, and legitimate trading is difficult if not at a standstill. The actual position in fact is such that regular dealers are losing all confidence, and it is doubtful if a counterpart could be found in the past history of the product. Spot prime brands are quoted at about 14s 6d to 15s per lb; Jan.-Feb. 11s 9d to 12s per lb c. i. f.

American peppermint oil leading brands are firmly held at 115s to 120s per lb as to holder and quantity, with a prospect of higher prices.

Codliver oil, Lofoden, has given way appreciably, and Bergen cables 136s f. o. b. The new season's fishing is starting earlier than usual in all the northern districts.

Ipecac, Matto Grosso, is still scarce and firmly held, fair quality at 12s 6d per lb.

MONSANTO CELEBRATES 25th ANNIVERSARY

(Special to DRUG & CHEMICAL MARKETS)

St. Louis, Feb. 8—"The best convention we ever had." Such was the comment of members of Monsanto's sales force who attended the two-day convention of Monsanto Chemical Works in St. Louis, Feb. 1 and 2. The festive nature of the meeting was further enhanced by the fact that this is Monsanto's 25th anniversary year, and appropriate signs and displays were placed about the convention rooms. Special visitors were Robert DuBois, sales manager of Graesser-Monsanto Chemical Works, Ruabon, North Wales, and H. M. Hodges, Monsanto's representative in the Orient. Mr. Hodges spoke of conditions in the Far East and congratulated Monsanto on the thoroughness and care taken in packing for export.

The afternoon of the first day was taken up in visiting the remodelled power plant and chlorine plant at the E. St. Louis works. In the evening, a playlet written and enacted by "home talent" was presented. A get-together dinner to the Sales Organization was given Tuesday evening. Speakers were Carl F. G. Meyer, president of the St. Louis Chamber of Commerce, H. M. Hodges, and Dr. F. W. Russe, vice president of the Mallinckrodt Chemical Works.

China is revising the import charges on drugs and medicines, including narcotics for medical purposes, such as cocaine; morphia, tincture of opium, etc.; ginseng, horns, deer, patent medicines, camphor, cinnamon, cloves, musk.

The Crude Drug Market

Current Spot Quotations for Crude Drugs, pages 433-438

BELGIAN VALERIAN BECOMES SCARCE

Spot Prices Show Rapid Advance—Some Relief Seen in Asafetida—Curacao Aloes, Beeswax, Colchicum Seed, Japan Wax and Cottonroot Bark Higher—Dandelion Root, Doggrass Root and Berberis Aquifolium Lower

PRICE CHANGES IN NEW YORK

(Stocks in First Hands)

Advanced		Declined	
Aloes, Curacao, 1c lb.		Cottonroot Bark, 1/4c lb.	
Balsam, Tolu, 5c lb.		Gambier Gum, 1/4c lb.	
Bayberry Bark, 1/4c lb.		Japan Wax, 1/4c lb.	
Beeswax, 2 1/2c lb.		Manna, S. F. 4c lb.	
Colchicum Seed, 1c lb.		Valerian Root, 8c lb.	
		Yellow Dock Root, 1/4c lb.	
Declined		Advanced	
Asafetida, 1 1/2c lb.		Doggrass Root, 1/4c lb.	
Barberry Bark, 6c lb.		Eucalyptus Leaves, 1/4c lb.	
Berberis Aquifolium, 1/4c lb.		Laurel Berries, 1/4c lb.	
Dandelion Root, 1c lb.		Spearmint Leaves, 1c lb.	

Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Aconite Root, USP,	\$.26	\$.26	\$.26	\$.33	\$.90	\$.42
Buchu Leaves, Short ..	.54	.54	.58	.80	4.00	.85
Chinoid Oil, lbs NY 10 lb	1.28	1.28	1.30	1.48	2.00	.68
Cocculus Indicus .....	.06	.06	.06	.08 1/2	.85	.03
Ergot, Spanish .....	.74	.74	.75	.55	4.50	.54
Insect Powder, pure .....	.29	.29	.29	.39	1.00	.28
Ipecac, Cartegema, powd.	3.65	3.55	3.30	2.50	4.50	1.35
Nux Vomica .....	.05	.05	.05	.05	.14 1/2	.07
Opium gum	12.00	12.00	12.00	12.00	30.00	5.00
Rhubarb Root, H D .....	.35	.35	.35	.33	1.75	.15
Tragacanth, No 1 ribbon	1.65	1.65	1.65	1.15	6.00	1.50
Wild Cherry Bk. Thin nat	.07 1/4	.07 1/4	.08	.08 1/4	.21	.07
Average	1.697	1.697	1.669	1.58	5.28	1.60

The crude drug market as a whole has been devoid of any new feature during the week. Valerian root has become scarce and advanced further, following the course it started on last week. Some relief has been noted in asafetida and the gum is now lower in price again. Sarsaparilla and ipecac remain scarce, with buchu and ergot lower on spot than for replacement. Dandelion root is easier with little trading noted in insect powder. Trading has been of fair proportions with little of interest developing in the way of new inquiry. This month has started off with a little less consumer buying than January, which was generally considered a very good month. Less excitement is seen in the spice market with the market for gums and waxes routine. Beeswax is very firm and advancing with a slightly easier tone noted in spermaceti.

Botanical Drugs

Aconite—Market is quiet with demand normal. Root is steady at recent decline with leaves unchanged.

Anise—Spanish is firm with most holders steady at 13 1/4c@14 1/4c lb. with less interest exhibited in other grades. Prices are unchanged.

Areca Nuts—Prices are firm with some tendency to quote higher figures on powdered. Goods are still available at 22c@24c lb as to holder, however.

Balsams—Demand continues normally active with prices for copaiba, fir, and Peru unchanged. Tolu has recovered from its recent low price and is now quoted at \$1.25@\$1.30 lb.

DRUG AND FINE CHEMICAL SECTION

Barberry Bark—Bark of root is easier at 24c@25c lb with bark of tree unchanged. Trading is routine only.

Bayberry Bark—This bark has advanced and is now held at 10c@11c lb.

Belladonna—There is some tendency to quote higher prices for the root, but the general range is unchanged. Leaves are firm and steady.

Berberis Aquifolium—This root is easier at the reduced price of 11 1/2c@12c lb.

Buchu—Prices on spot remain unsettled and as low as 51c has been noted. General market, however, is around 54c@56c lb with replacements above that level.

Calamus—Holders are exhibiting a tendency to quote higher prices and the range has been broadened. Bleached root is held at 45c@50c lb with unbleached at 6 1/2c@7c lb.

Cascara Sagrada—Prices are firm and unchanged with demand of good proportions and some tendency to advance noted.

Cinchona Quills—This market has firmed up considerably and 20-inch quills are quoted at 75c@80c lb with 10-inch quills at 65c@70c lb.

Colchicum—Seed has advanced to 17c@19c lb with root unchanged. Activity continues normal.

Cottonroot—Bark is firmer with holders advancing their price to 13 1/2c@14 1/2c lb.

Dandelion Root—One holder has again reduced his price to 17c lb with most of the rest of the dealers firm at 18c lb. Buying is only routine at present.

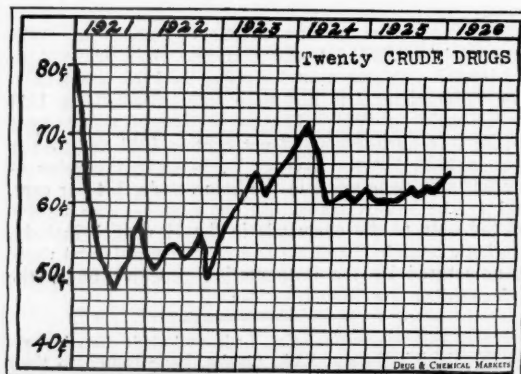
Digitalis—There has been no change in this situation with prices firm and trading normal.

Doggrass—U. S. P. root is easier at the reduced price of 11c@12c lb with buying along routine lines.

Ergot—The spot market continues to be depressed by stocks of old material with shipment positions all firm, and some tendency of European users to buy here. Price on spot has shown no change.

Eucalyptus Leaves—The price has declined half a cent and is now quoted at 5c@6c lb.

Goldenseal Root—Stocks are continuing to become scarcer and prices are very firm. There has been no recent change in this situation.



DRUG & CHEMICAL MARKETS

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Inset Flowers—Buying is reported as quiet at present and prices are open to some shading. Some holders are quoting 24c lb for powder, with others firm at higher levels.

Ipecac—No relief is in sight in this item with prices more or less nominal at former figures.

Laurel Berries—Berries are easier with the price down to 8c@9c lb. Leaves are unchanged.

Linden Flowers—Market is very firm with prices steady and unchanged at recent figures.

Lycopodium—Trading is desultory with spot prices below replacements. Market is generally held at 90c@95c lb although some goods are available at lower prices.

Manna—Small flakes are again firm at 44c@48c lb with large flakes unchanged.

Orris Root—No change is seen in this situation with normal trading noted and stocks just about right to keep prices steady. There is no shortage but if an unusual demand were to set it, it would find the market short.

Rhubarb—Market is steady and quiet with prices firm and unchanged.

Saffron—Market is exceedingly quiet and reports are heard of much lower prices. Nominally the price is still \$28.00@\$28.50, but \$26.00 could doubtless be done on a firm bid.

Sarsaparilla—No change is seen in this market with Mexican still barred and Honduras steady at high prices.

Saw Palmetto Berries—Most holders claim a scarcity for this item, but one holder is offering at 25c. Price ranges from that figure to 35c lb.

Senna—This item is firm and unchanged at former prices.

Spearmint Leaves—American leaves are lower at 24c@25c lb, with herb unchanged.

Valerian Root—Belgian root continues scarce and has advanced to 35c@40c lb. Some U. S. P. root is available at 33c lb.

Yellow Dock Root—This is higher at 10½c@11c lb.

Gums and Waxes

Aloes—Socotrine aloes are higher at 33c lb.
Asafetida—U. S. P. gum has declined to 28½c@30c lb with powdered unchanged.

Beeswax—White wax is much firmer at the advanced price of 60c@61c lb with refined yellow at 47c@48c lb.

Carnauba Wax—No. 2 wax is now on the market at 43c@44c lb.

Gambier Gum—This gum has advanced to 10½c lb with market steady.

Japan Wax—This is higher at 17½c@18c lb.

Spices

Cloves—Price is firm at recent advance to 26c@26½c lb, with trading quiet.

Ginger—There has been no change in this market with prices firm and trading routine.

Mustard—Market is firm with prices steady and unchanged.

Peppers—There has been no recovery of recent strength in this market and prices are easy at last week's figures.

The exportation of kauri gum from New Zealand will be placed under restriction along the general lines of the Stevenson rubber plan after April 1 by act of the New Zealand Parliament. Annual exports of the gum amount to about 11,000,000 pounds, valued at about \$2,000,000. About half of the total export is received in the United States.

Price List Revisions on Proprietary and Toilet Preparations

Name of product	Unit	Now	Was
Carter Medicine Co., New York			
A—Carter's Nerve Pills	doz.	2.00	1.67
Hugh A. Clotworthy, Ph. C., Hollywood, Fla.			
D—Stardust Nail Polish, retails 35c	doz.	2.40	2.75
Entona Company, Boston, Mass.			
A—Entona Suppositories	doz.	5.00	4.50
Medicone Company, Inc., New York			
N—Medicone Suppositories, 6's retails \$1.00	doz.	7.00	
N—Medicone Tablets, 32's, retails \$1.00	doz.	7.00	
The Mennen Co., Newark, N. J.			
N—Mennen's Baby Ointment	doz.	2.00	
Sigler Drug Company, Springfield, Mo.			
C—Force Toothache Drops, retails 25c (Formerly sold by Liver-Dig Co., Cotter, Ark.)	doz.	2.00	
Stern & Co., Brooklyn, N. Y.			
N—Formex Tablets	doz.	5.00	
N—Stern's Vapo Jelly	doz.	2.50	
N—Ancestor Tablets	doz.	4.00	
N—Solidine Ointment, small	doz.	4.00	
N—Solidine Ointment w/ Methyl Sal., small	doz.	4.00	
N—Solidine Ointment, pounds	doz.	30.00	
N—Solidine Ointment 2/ Methyl Sal., pounds	doz.	30.00	
N—Ferrocol Compound	doz.	12.00	
N—Symp Ferro Phosph. Compound	doz.	12.00	
Dr. S. Lewis Summers, Ambler, Pa.			
B—Isal, 2 oz.	doz.	30.00	
B—Isal Tablets, 100's	doz.	36.00	
The Upjohn Company, Kalamazoo, Mich.			
N—Digitaria Tablets, 1½ gr., 30's	each	.40	
N—Borated Soap	gross	17.00	
N—Magnesium Sulphate, 25% Sterile Solution, Ampoules, 2 cc., 12's	each	2.40	
N—Magnesium Sulphate, 50% Sterile Solution, Ampoules, 2 cc., 12's	each	2.50	
Vasco Products, Inc., Brentwood, Md.			
Mike Martin's Liniment, 2 oz., small, retails 50c	doz.	4.00	
Mike Martin's Liniment, 4 oz., medium, retails 75c	doz.	6.00	
Mike Martin's Liniment, 8 oz., large, retails \$1.00	doz.	8.00	
Elixir Babek Tonic, 3 oz., small, retails 65c	doz.	5.80	
Elixir Babek Tonic, 8 oz., large, retails \$1.50	doz.	12.00	
N—Babek Cold Remedy, 2 oz., small, retails 50c	doz.	4.00	
Bran-O-Lax Tablets, retails 25c	doz.	2.00	
O'Joy Corn Waters, retails 10c	doz.	.80	
O'Joy Bunion Plasters, retails 25c	doz.	2.00	
N—Ice-Glo Beauty Cream, 3 oz., small, retails \$1.50	doz.	12.00	
Winthrop Chemical Co., New York			
A—Spirosal, ounces	each	1.00	.70

CRUDE DRUG EXPORTS DECLINE

A reduction of 27 per cent occurred in 1925 in the exports of crude drugs and botanicals, which class, however, equalled only 2 per cent of the total chemical exports. Ginseng is the important item of the group, sales of which amounted to 138,100 pounds, valued at \$1,668,200.

"Flit," an insecticide manufactured by Standard Oil Co., will be pushed in an advertising campaign in 1926, employing, newspapers, magazines, car cards and foreign language papers. Flit is used in South American countries to war on mosquitos. This year's campaign will use double the space taken in 1925.

Bleached shellac imported by Adolphe Hurst & Co. was recently declared entitled to entry free of duty by the Board of U. S. General Appraisers, and the Government appealed the case, and arguments were heard last week by the U. S. Court of Customs Appeals.

Exports of shellac from all ports of India during the first ten months of 1925 reached 286,000 hundredweight as compared with 265,000 in 1924 and 381,000 in 1923, according to the "Indian Trade Journal".

Shipments of kauri gum during October and November were 819 tons valued at £69,780, according to George H. Lincks, New York gum importer. Of this amount 381 tons were shipped to the United States.

The Essential Oil Market

Current Spot Quotations for Essential Oils, pages 438-440, Aromatic Chemicals 441

LEMON OIL STILL THE MARKET FEATURE

Other Messina Essences Reflect This Item—Apricot Kernel, Cubebs, Dill, Juniper Berries, Limes, Petit Grain, and Sassafras Higher—Cananga, Cassia, Cloves, Coriander, Geranium, Peppermint Easier—Market Activity Normal

PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced		Declined	
Oil Apricot Kernel, 2½c lb.	Oil Lemon, 40c lb.	Oil Coriander, 25c lb.	
Oil Bergamot, 10c lb.	Oil Limes, expressed, 25c lb.	Oil Erigeron, 25c lb.	
Oil Cedar Leaf, 10c lb.	Oil Orange, 35c lb.	Oil Geranium, African, 10c lb.	
Oil Cubebs, 15c lb.	Oil Petit Grain, 15c lb.	Oil Peppermint, \$1.75 lb.	
Oil Dill, 25c lb.	Oil Sassafras, 10c lb.	Indol, 50c lb.	
Oil Juniper Berries, 20c lb.	Anethol, 25c lb.		
	Eucalyptol, 10c lb.		

Trend of the Market						
	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Oil Bergamot	5.50	5.40	5.40	3.75	7.00	5.00
Oil Citronella Ceylon	.48	.48	.48	.75	1.02	.60
Oil Cloves	1.85	1.80	1.85	1.90	3.70	1.40
Oil Lemon, Italian	3.40	3.00	2.15	.95	1.70	2.00
Oil Peppermint Nat	24.25	26.00	27.00	14.50	9.00	2.24
Oil Sandalwood, E I	7.10	7.10	7.10	7.35	14.00	5.25
Oil Sassafras, Artif	.27	.27	.27	.35	1.00	.26
Coumarin	3.10	3.10	3.10	3.25	31.00	3.10
Benzaldehyde, U. S. P.	1.15	1.15	1.15	1.50	5.15	1.50
Methyl Salicylate Cans	.43	.43	.43	.47	1.00	.85
Vanillin	.49	.49	.49	.49½	.95	.20
Average	4.184	4.620	4.63	3.09	6.83	2.05

The Messina essences continue to be the feature of the market with rapid advances still characterizing the market for lemon oil, which is now higher than orange oil. Orange and bergamot have both been affected somewhat by this oil and are now quoted at higher figures. Apricot kernel oil is firmer with most holders advancing their price. Oils cubebs, dill, juniper berries, limes and petit grain are firmer with advancing prices. Oils cananga, cassia, cloves, coriander and geranium are easier. There has been some unsettlement in peppermint which has resulted in lower prices. Anethol and eucalyptol are higher with indol lower. Other aromatic chemicals show little change of importance. The general tone of the market continues fair with trading generally normal, although activity has not been so marked as during January.

Essential Oils

Oil Almond—Bitter oil continues firm at unchanged prices with sweet oil lower in one direction at 95c@ \$1.00 lb.

Oil Anise—Market continues stable with stocks on hand of fair proportions. Prices are unchanged.

Oil Apricot Kernel—A steadily advancing tendency characterizes this item and most holders have advanced their prices to 68c@70c lb, although one holder is now quoting 62½c lb.

Oil Bergamot—In common with other Messina essences, this oil has staged a 10c advance and is now quoted at \$5.50@ \$6.50 as to holder and quantity. Artificial is held at \$2.00@ \$4.00 as to grade.

Oil Cananga—This item has reacted somewhat from

recent levels and rectified is now available at \$3.10@ \$3.25 with native easier at \$2.60@ \$2.70 lb.

Oil Cardamom—Market is easier and the price has declined to \$35.00@ \$40.00 lb.

Oil Cassia—Continued easiness is seen in this market and redistilled has declined further. U. S. P. is now available at \$2.95@ \$3.05 lb with 80-95% unchanged.

Oil Cedar Leaf—Market has advanced and price is now held at 90c@ \$1.00 lb.

Oil Citronella—There has been no change in this item with prices steady and market quiet.

Oil Cloves—One holder has reduced his price for U. S. P. in cans to \$1.85@ \$2.00 lb with other holders asking \$1.90 as their inside level. There has been no change in bottle prices.

Oil Coriander—U. S. P. oil has again declined and is now quoted at \$8.00@ \$8.25 lb in 1 lb bottles.

Oil Cubebs—Stocks are rather limited and the price has advanced to \$4.40@ \$4.50 lb.

Oil Dill—Price has advanced to \$4.00@ \$4.25 lb.

Oil Erigeron—Market has shown some relief and the price is now lower at \$6.25@ \$6.50 lb in 20 lb tins.

Oil Geranium—This item continues to be exceedingly unsteady on the market and the price of Bourbon is easier at \$3.35@ \$3.50 with African lower at \$4.00@ \$4.10.

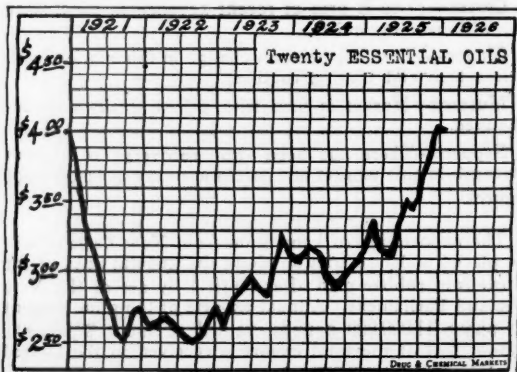
Oil Juniper Berries—Price has advanced to \$2.45@ \$2.50 on a firmer stock situation.

Oil Lemon—Advancing tendency continues, apparently unabated and the price of Italian oil is now up to \$3.40 @ \$3.50 lb. Terpeneless has reflected the market for the natural oil and has advanced to \$18.00@ \$24.00 as to holder.

Oil Limes—Scarcity of this oil continues and the price of expressed has again advanced to \$7.00@ \$7.50. Distilled is unchanged and firm.

Oil Orange—This oil is also advancing in price, with the other Messina essences. Italian oil is now held at \$3.35@ \$3.75 lb, West Indian has advanced to \$2.85@ \$3.00, American to \$3.30@ \$3.50, American distilled at \$1.75@ \$1.85 and Spanish to \$3.60@ \$3.75.

Oil Peppermint—Buyers are still holding aloof, and the price has declined, whether from actual weakening, or from speculative operations is uncertain. Natural oil



is now procurable at \$24.25 lb with redistilled at \$25.25 lb. Talk is heard of lower prices from the country.

Oil Petit Grain—South American oil is higher at \$2.40@2.50 lb, with French and Italian unchanged.

Oil Pimento—Additional firmness is noted in some directions, although the price is unchanged at \$5.25@ \$6.00 lb as to holder.

Oil Sassafras—Higher prices are quoted for U. S. P. which is now held at 90c@\$1.10 with artificial unchanged.

Oil Spearmint—Market continues very quiet, from lack of buying interest at prevailing prices, rather than from any actual weakness.

Oil Wormseed—This item is very firm with prices steady and unchanged.

Aromatic Chemicals

Anethol—Market is firm and price has advanced to \$1.25@\$1.50 lb with normal demand noted.

Benzaldehyde—Market is steady with prices unchanged and firm.

Diethyl Phthalate—There has been no change since recent decline with market generally steady.

Eucalyptol—Makers are quoting higher prices and market is now strong at \$1.00@\$1.10 lb.

Indol—C. P. indol is lower at \$3.50@\$4.00 oz., in 1 oz. bottles.

Terpineol—There has been no change in this item with prices firm and steady.

Vanillin—Market is steady at unchanged prices with a steady demand reported.

Vanilla Beans

Market is comparatively quiet with little trading outside routine business. Prices are generally unchanged at former figures.

BARKS TESTED FOR ESSENTIAL OILS

Research work in essential oils undertaken by the British Imperial Institute is summarized in a recent bulletin as follows: "Examination of a sample of massoi bark from Papua showed that the approximate composition of the volatile oil obtained was as follows: Eugenol 79 per cent, safrol 14 per cent, other constituents (principally terpenes) 7 per cent. The oil was submitted to a firm of London importers, who considered that the only commercial outlet for it in England would be as a source of eugenol, for which purpose it would have to compete with clove, cinnamon, and pimento oils. The firm were of opinion that the nominal value of the oil from this point of view would be about 4s per pound.

It was found that the constants of a sample of oil of *origanum maru* from Cyprus generally resemble those of the *marjoram* oils previously received at the Imperial Institute from Cyprus and of the Spanish *marjoram* oil of commerce. The demand for *marjoram* oil in the United Kingdom is very limited, the oil being only employed to a relatively small extent for perfuming soap and for certain culinary and toilet preparations. A firm of soapmakers who were consulted by the Imperial Institute were of opinion that this Cyprus oil could be utilized for compounding the cheaper classes of perfumes used for common toilet soaps, and that it might realize a price between that of thyme terpenes and that of Spanish thyme oil.

Peppermint, to the amount of 18,000 lbs. was shipped to the United States during 1925 from the Alpes Maritime department, according to a report from the American Consul at Nice. It is estimated that the yield per hectare—about two and a half acres—is from 8,000 to 10,000 kilos of the fresh herb, the yield of essential oil being about 1/3 of 1%.

LEMON OIL ADVANCES IN SICILY

**Makers Sold More of the Fruit in Cases Than Usual—
—Oil Orange Similarly Affected—Carbolic Acid in
Better Demand—Cresylic Acid Higher in Sympathy
(Special to DRUG & CHEMICAL MARKETS)**

London, Feb. 1—Advices from Italy announce a further advance this week in oil of lemon. In view of the active demand for cased fruit for export from the very start of this season, when buyers of essence abroad were standing aloof, makers were evidently tempted to part with a greater proportion of their fruit reserve than usual. They are now feeling the pinch and if, as is probable, this view proves correct, we may witness much higher prices as time goes on. Sicilian offers up to 9s per lb c. i. f. have been received, and on spot 8s per lb is now wanted for good quality.

Oil of orange is similarly affected, though not to the same extent as oil of lemon, and Sicilian advices just at hand report a strongly improving market up to 10s 6d per lb c. i. f.

COTY TO MAKE TWO NEW PRODUCTS

Coty, Inc., will enlarge its plants for the manufacture of two new products, this year, according to Benjamin Levy, vice president and treasurer, who says:

"The contemplated acquisition of 40,000 additional square feet for the manufacture of the new products will increase the present plant area 33 1-3%. This addition, however, will not necessitate heavy expenditure, the space being two additional floors in the building already occupied. Another reason for plant enlargement was the increase in 1925 of 100% in individual buyers and the anticipated increase of an additional 20% for 1926."

According to Mr. Levy, brand products in this country have been suffering from cut prices in the past, referring to which he said: "We have succeeded in correcting a very bad situation through the co-operation of a majority of retailers throughout the country."

"With earnings in 1925 equivalent to \$8.09 a share on 309,300 shares of common stock and comparatively small expenditure for increased business in 1926, the placing of the stock on a \$4 annual dividend basis is justified," says the "Wall Street Journal."

PERFUMERY EXPORTS STEADILY GAINING

Exports of perfumery and toilet preparations in 1925 surpassed those of the previous year. Dentifrices were still the leading item with 3,406,000 pounds, valued at \$3,221,300; talcum and toilet powders next with 3,468,600 pounds; \$1,882,200, creams, rouges and other cosmetics with 2,535,400 pounds, valued at \$1,331,400, perfumery and toilet waters, 465,200 pounds, \$450,700; and all other toilet preparations, 1,737,200 pounds, \$1,202,700.

The exports of essential oils in 1925 advanced in quantities from 1,274,500 pounds in 1924 to 1,388,800 pounds in 1925, but declined in values from \$1,674,900 to \$1,673,200. Approximately one-half as much peppermint oil was sent abroad during the past year or 68,000 pounds, valued at \$775,700.

Toilet preparations show steady growth.

Elcaya Co., New York, manufacturer of toilet creams, has been purchased by Northam Warren Corp., New York, makers of Cortex manicure specialties. James C. Crane, who held or controlled the capital stock of Elcaya company, sold the control and included Elcaya Co., of Canada, Ltd., located at Aymer, Ont., but will remain on the directorate. Officers of The Elcaya Co. are Northam Warren, president; Louis W. Holk, vice president and general manager; J. B. Cobrain, secretary-treasurer.

Prices Current of Fine and Heavy Chemicals, Drugs, Essential Oils, Dyestuffs and Oils

CLASSIFICATION—Prices quoted herein are listed in the following groups: Chemicals, including heavy, technical and industrial chemicals; fine, medicinal, and photographic chemicals; coal-tar crudes and intermediates; tanning and dye extracts; dye and tan woods; naval stores; fillers and pigments; dextrans, sizes and starches; fertilizer materials, accelerators and solvents, and miscellaneous products; Crude Drugs, including barks, herbs, roots, etc. Essential oils, including oleoresins, synthetic aromatic chemicals and isolates. Fatty Oils, including animal, vegetable, and fish oils, tallow, greases and fats. All groups are in alphabetical order.

Packages—Prices are for large quantities in original packages of the customary trading units of weight or measure. A container given in connection with a price does not necessarily mean that this is the quantity on which the price is based. Containers named are the original packages most commonly sold in this market.

QUOTATIONS—Chemical prices quoted herein are those of American manufacturers unless otherwise specified. Quotations on imported chemicals are so designated. Where resale or "second hand" stocks of any chemical products are sufficient to be considered a factor in determining the market, prices for goods in this class will be quoted in addition to makers' prices available, and indicated as such. Chemical prices quoted herein

are for goods spot New York or Metropolitan District, f. o. b. ex-store, for immediate shipment, unless otherwise specified. Numerous domestic made heavy or industrial chemical products are sold principally on a basis of f. o. b. works, and are thus quoted in the list herein, each instance of a "works" price, however, being specified as such.

Fatty Oils prices quoted herein are for goods spot New York unless otherwise noted; f. o. b. mills and Coast prices being designated as such. Crude Drugs and Essential Oils are quoted f. o. b. New York (Manhattan with limitations) for immediate shipment. Tanning and Dye Extracts are quoted spot New York unless otherwise noted.

WEIGHTS AND MEASURES—All quotations are made on a basis of avoirdupois pounds and ounces, and American gallons. The following equivalents are given for the reference of exporters, importers, and foreign buyers:

1 Imperial Gallon (British)	—1.20	American Gallons
1 American Gallon	— .833	Imperial Gallon
1 American Gallon	—3.79	Liters
1 Liter	— .264	American Gallon
1 American Gallon (Water)	—8.35	Pounds
1 Pound (Avoirdupois)	— .454	Kilogram
1 Kilogram	—2.20	Pounds

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Chemicals

Acetaldehyde Dm., or Cyl. e-l wks	D	28
l-l wks	D	35
ACETANILID, tech., 150 lb bbls	D	21
100 lb kegs	D	...	...	23
USP, 200 lb bbls	D	...	...	37
Second hands	D	...	...	34
Acetic Anhydride				
85% 107 lb cys	D	...	...	30
92-95%, 100 lb cys	D	...	...	35
Acetic Ether, see Ethyl Acetate				
Acetone, 50 gal drums	D	...	...	35
Acetone, CP, 700 lb drs e-l wks	D	...	...	12
Tank cars, wks	D	...	...	12
700 lb drs l-l wks	D	...	...	13
350 lb drs l-l wks	D	...	...	14
Acetone Oil, light, drs wks	gal	...	...	145
Heavy, drs wks	gal	...	...	145
Acetylenetrichloride, 235 lb bbl	D	...	...	190
Acetyl Chloride, 100 lb cys	D	...	...	45
Acetylenetrichloride	D	...	...	150
Acetylenetrichloride Drums wks	D	...	...	11
AGID, 1, 2, 4, 250 lb bbls	D	...	...	125
Acetic, 28%, 400 lb bbls e-l				
wks	100 lb	...	...	324
28% l-l wks	100 lb	...	...	349
58% e-l wks	100 lb	...	...	609
58% l-l wks	100 lb	...	...	634
70% bbls e-l wks	100 lb	...	...	751
70% l-l wks	100 lb	...	...	776
80% com'l. bbls e-l wks	100 lb	...	...	841
80% com'l. l-l wks	100 lb	...	...	856
80% pure bbls e-l wks	100 lb	...	...	930
80% pure l-l wks	100 lb	...	...	955
Glacial, bbls e-l wks	100 lb	...	...	1147
Glacial, l-l wks	100 lb	...	...	1172
Glacial, USP, cys wks	100 lb	...	...	1232
Second hands	D	...	...	70
70	D	...	...	78
Anthranilic, tech., drs	D	...	...	80
99-100%, 100 lb drs	D	...	...	93
Benzene, tech., 100 lb bbls	D	...	...	58
Tech., ten lots bbls	D	...	...	57
USP, 100 lb bbls	D	...	...	61
Second hands	D	...	...	55
Boric crys., powd. 250 lb bbls	D	...	...	109
Keg 100 lb	D	...	...	109

ACID		
Butyric, 60% pure 5 lb bot ..	.55	.60
90% .....	.70	.75
CP 10 lb bot	1.25	1.50
Camphoric USP, VIII 1 lb bot ..	4.85	5.00
Carbolic, USP, crys see also Phenol		
112 lb tin .....	.24	.25
25 lb tins .....	.27	.28
5 lb tins or bot .....	.29	.30
1 lb bot .....	.34	.35
Liquid USP, 1 lb bot ..	.33	.34
Crude, 85% 50 gal bbls gal ..	.31	.33
10% 50 gal bbls .. gal	.25	.28
Carbonic, see Carbon Dioxide		
Chloracetic,		
Mono 100 lb bbls wks .....	..	.25
Di, 150 lb chys wks .....	..	1.00
Tri, 5 lb bot .....	..	2.50
Chlorosulfonic, 1500 lb drs		
wks .....	.15	.16
Chromic, USP., 200 lb drums ..	..	.40
98% Pure 400 lb drums ..	.37	.40
Chromotric, 300 lb bbls ..	..	1.25
Chrysophanic, see Chrysarobin		
Cinnamic, 5 lb cans	3.25	3.50
CITRIC, USP, cryst 230 lb bbls ..	.45	.45 1/2
Powd., USP, 200 lb bbls ..	.46	.46 1/2
Imported crys., 112 lb kegs ..	.44 1/2	.45
Single kegs .....	..	.47
Cleav's 250 lb bbls .....	.95	.97
Crocylic, 95% dark dr NY gal ..	.58	.60
97-99% pale NY .....	.60	.62
Crude, spot drums		
Diethylbarbituric, Dom., 25 lb lots		
1 lb bot	8.00	9.00
Imp. bulk	4.15	4.35
Formic, 85% tech., 140 chys ..	.10	10 1/2%
90%-80 lb chys incl	10 1/2%	11
Gallie, USP, 150 lb bbls .....	..	.69
Tech. bbls	.50	.55
Gumma, 225 lb bbls wks ..	1.30	1.36
Glycerophosphoric, 25% 1 lb bot		
1.85	1.95	
H 225 lb bbls wks .....	.63	.68
Hydrolic. 10% USP 5 lb bot ..	.68	.70

ACID (Con't)			
Hydrobromic, 48% com'l	155 D		
chs wks	..... D	.45	: .48
48% com'l	10 chs wks	..... D	.. : .45
40% USP, 155 D	chs wks	..... D	.. : .55
10% USP, 100 D	chs wks	..... D	.. : .13
Hydrochloric, see also Acid Muriatic			
CP, USP, 110 D	chs	..... D	.07 : .08
Hydrocyanic, wks cgl	..... D	.90	: 1.00
HYDROFLUORIC, 30% 400 D	bbis		
wks	..... D	...	: .06
30% 100 D	chs, wks	..... D	.. : .08
48% single 100 D	chs wks	..... D	.. : .10
52% 100 D	chs, wks	..... D	.. : .12
52% 10	chs wks	..... D	.. : .11
60% 100 D	chs, wks	..... D	.. : .14
60% 300 D	dr, wks	..... D	.. : .13
White Acid, 100 D	chs, wks	..... D	.. : .26
White Acid, 10	chs wks	..... D	.. : .25
Hydrofluosulfic, 35% 450 D	bbis		
wks	..... D	.10	: .12
Hypophosphorous, USP 30% 5			
gal, demis	..... D	...	: .35
USP, 10% 5	gal demis	..... D	.. : .36
LACTIC, 22% dark 500 D	bbis	.05%	: .08
22% light, bbis	..... D	.06%	: .07
44% dark, bbis	..... D	.11	: .12
44% light, bbis	..... D	.13	: .13%
66% dark, bbis	..... D	.13	: .13%
66% light, bbis	..... D	.26	: .27
USP, IX 100 D	chs	..... D	.. : .70
USP, VIII 100 D	chs	..... D	.. : .60
Laurent's 250 D	bbis	..... D	.80 : .85
Metallic, 250 D	bbis	..... D	.60 : .65
Mixed, Sulfuric-nitric			
Drums, wks	..... N Unit	.07%	: .08
Drums wks	..... S Unit	.01	: .01%
Tank cars, wks	..... N Unit	.06	: .06%
Tank cars wks	..... S Unit	.008	: .01
Molybde, 85% pure 100 D	kags	1.25	: 1.30
100% CP, 100 D	kags D	1.30 : 1.35
Monosulfonic F.Delta 50 D	tins D	1.65

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Aldwych, W. C. 2.,
LONDON, ENGLAND

Chemicals

ACID			ACID			ACID		
MURIATIC, 20° chys le-l			Picric, 450 lb bblslb	.30 : .33	Valeric, CP, 10 lb botlb	2.50 : 2.75
wks	100 lb	1.60 : 1.70	Pyrogallie, crys., 5 lb cans	.....lb	1.25 : 1.30	Aconitine Alk., cryst., 1 oz vis.	.....oz	30.00
Chys, c-l wks	100 lb	1.35	Resublimed, 5 lb cans	.....lb	1.50 : 1.60	Amorphous 1 oz vis	.....oz	20.00
Tank cars, wks	100 lb	1.00	Tech., powd., 200 lb bbls	.....lb	..... : .85	Adeps Lanne hydrous 350 lb bbls	.....lb	.20 : .21
18° 120 lb chys			Salicylic, tech., 125 lb bbls	.....lb	.33 : .34	Anhydrous, 350 lb bbls	.....lb	.22 : .23
c-l wks	100 lb	1.25	USP, 100 lb bbls	.....lb	.34 : .35	Albumen, Egg, edible	.....lb	1.07 : 1.09
Tank cars, wks	net ton	.....	Second hands	.....lb	.33½ : .34½	Tech., 100 lb drs	.....lb	1.02 : 1.05
22° 120 lb chys			Sulfanilic, 250 lb bbls	.....lb	.15 : .18	Blood 225 lb bbls	.....lb	.53 : .60
c-l wks	100 lb	1.75	SULFURIC, 66° 180 lb chys			Vegetable edible	.....lb	.60 : .65
Muriatic, CP, & USP, see Acid Hydrochloric			le-l wks	100 lb	1.50 : 1.85	Technical	.....lb	.60 : .65
Naphthionic, tech., 250 lb bbls	.....lb	.55 : .59	Chys, c-l wks	100 lb	..... : 1.25	ALCOHOL, amyl See Fuel Oil		
Neville & Winter's 350 lb			1500 lb Drums le-l			Benzyl, 5 lb bot	.....lb	1.45 : 1.55
bbls	.....lb	.95 : .99	wks	100 lb	..... : 1.10	Butyl 50 gal drs wks c-l	.....lb	.19½ : .20½
NITRIC, 36° 135 lb			Drums c-l wks	100 lb	..... : .80	Drums, le-l wks	.....lb	.20 : .21
Chys le-l wks	100 lb	5.00	Tank cars, wks	net ton	..... : 14.00	Tanks cars wks	.....lb	.19 : .20
Chys c-l wks	100 lb	4.75	60° 1500 lb drums			Ethyl, USP, 190 pf 50 gal	.....gal	4.94 : 5.04
38° le-l wks	100 lb	5.50	le-l wks	100 lb	..... : 1.00	bbls	.....gal	.64 : .69
Chys c-l wks	100 lb	5.25	Drums, c-l wks	100 lb	..... : .75	Export	.....gal	..... : .68
40° le-l wks	100 lb	6.00	Tank Cars, wks	net ton	..... : 10.00	Anhydrous drums c-l	.....gal	..... : .68
Chys, c-l wks	100 lb	5.75	CP., 175 lb chys	.....lb	.07 : .08	Cologne Spirit, 50 gal bbls gal	.....gal	5.04 : 5.14
42° le-l chys., wks	100 lb	6.50	Oleum 20 pc 1500 lb drums			Denatured		
Chys, c-l wks	100 lb	6.25	le-l wks	100 lb	..... : 1.40	No. 1 complete denat., 190 pf	.....gal	..... : .46
CP., chys single wks	100 lb	.12 : .13	Drums, c-l wks	100 lb	..... : 1.15	50 gal bbl incl	.....gal	.42 : .46
Oxalic, 300 lb bbls, wks	.....lb	.10½ : .11	Tank cars, wks	net ton	17.00 : 18.00	Carlots	.....gal	..... : .45
Bbls., NY	.....lb	.10½ : .11	Oleum, 40% drs le-l wks net ton	.....	40.00	50 gal drums extra	.....gal	.36 : .41
Kegs, 100 lb NY	.....lb	.11½ : .11¾	Oleum, 60% drs., le-l wks net ton	60.00 : 70.00		Tank cars	.....gal	..... : .40
Imp., 560 lb casks	.....lb	.11 : .11¾	Sulfurous, USP 6% 100 lb chys	.....lb	.05 : .06	No. 1 Special denat. 190 pf	.....gal	..... : .46
Bbls	.....lb	..... : .11¾	4% 100 lb chys	.....lb	.04 : .05	50 gal bbl incl	.....gal	.42 : .46
Phenylethanamine	.....lb	5.00 : 5.25	USP, 5 gal demis	.....lb	.06 : .08	Carlots	.....gal	..... : .44
Phosphoric, 50% tech., 150 lb			Tannic, tech., 300 lb bbls	.....lb	.30 : .40	50 gal drums extra	.....gal	.36 : .40
Chys	.....lb	.07 : .07½	USP, powd., 200 lb bbls	.....lb	.75 : .80	Tank cars	.....gal	..... : .40
Syrup USP, 70 lb drums	.....lb	.15 : .16	USP, fluffy, 50 lb bbls	.....lb	.75 : .80	No. 5, Complete denat. 188 pf		
Demis	.....lb	.10 : .17	Tartaric, USP, cryst., 300 lb bbls	.....lb	..... : .29	50 gal bbl incl	.....gal	.42 : .46
Imported	.....lb	.15 : .16	USP, powd., 300 lb bbls	.....lb	..... : .29	Carlots	.....gal	.40 : .45
Second hands	.....lb	.15 : .16	Imp., USP, 240 lb bbls	.....lb	.27½ : .28	50 gal drums extra	.....gal	.36 : .40
Phthalic, see Phthalic Anhydride			Powd., 240 lb bbls	.....lb	.28 : .28½	Tank cars	.....gal	..... : .40
Picramic, 300 lb bblslb	.50	Tobias, 250 lb bblslb : .85	No. 6, Complete denat. 199 pf		
			Tungstic, 100 lb kegslb : 1.00	No longer manufactured		

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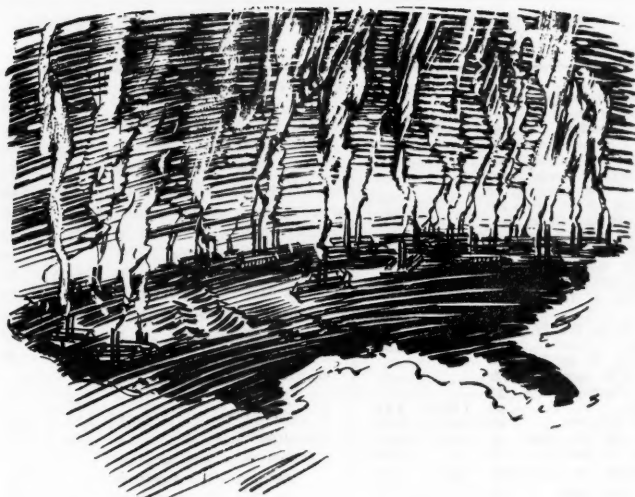
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Chemicals

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Diacetone, 50 gal drs. fght. allowed	gal	2.15	: 2.30
Isobutyl, crude 50 gal drs	gal
Refined, 10 lb cans	lb	...	...
Isopropyl, refined, 90-91%, 50 gal drs	gal	1.00	: 1.25
Ref'd 98-99% drs	gal	1.25	: 1.50
Phenylethyl 1 lb bot., dom	lb	8.00	: 10.00
Propyl, nml., 50 gal drs	lb	...	1.00
Aldehyde Ammonia 100 gal drums	lb	.90	: .93
Alcin, USP, 100 lb cases	lb	.85	: .88
Alpha-Naphthol crude 300 lb bbls	lb	...	.65
Refined	lb	.85	: .90
Alpha-Naphthylamine, 350 lb bbls	lb	.35	: .37
Ton lots bbls wks	lb	...	.35
ALUM, Ammonia, lump 400 lb bbls	lb	...	...
wks, le-l	lb	3.15	: 3.50
Ground, 400 lb bbls wks 100 lb	lb	3.25	: 3.65
Powd. 380 lb bbls wks 100 lb	lb	3.55	: 3.90
Chrome, 500 lb cks., wks lb	lb	5.25	: 5.50
Potash, lump 400 lb bbls	lb	...	...
wks	lb	3.50	: 3.75
Bbls, c-l wks	lb	3.35	: 3.40
Imported lump	lb	2.75	: 2.85
Ground, 400 lb bbls wks 100 lb	lb	3.50	: 3.85

ALUMS, Potash (Cont.)

Imp., 350 casks	....100 lb	2.75	: 3.00
Powd., 380 lb bbls wks 100 lb		4.00	: 4.50
Chrome, 500 lb casks wks 100 lb		5.25	: 5.50
Grd., 400 lb bbls. wks 100 lb		...	3.75
Bbls c-l wks	....100 lb	...	3.50
Aluminum metal, c-l NY	..100 lb	28.00	: 29.00
Chloride, anhyd., 275 lb drs lb		.35	: .40
Crystals, 375 lb bbls	.... lb	...	.06%
30% sol. 120 lb clys	.... lb	.03%	: .04
Hydrate 96% light 90 lb bbls lb		.17	: .18
Heavy 62-64% 220 lb bbls lb		.06	: .06%
400 lb bbls wks	.... lb	.06%	: .07
Stearate, 100 lb bbls	.... lb	.28	: .24
SULFATE, Iron-free bags c-l		...	...
wks	....100 lb	2.00	: 2.10
Bbls c-l wks	....100 lb	2.15	: 2.25
Imported, spot	....100 lb	1.60	: 1.65
Comm'l 1/2% iron bgs c-l		...	...
wks	....East 100 lb	...	1.40
Cont. bgs c-l wks. E	100 lb	1.35	: 1.40
Bags, c-l wks W	....100 lb	...	1.40
Bbls, c-l wks E	....100 lb	...	1.55
Bulk c-l cont. wks E	100 lb	...	1.50
Amidol (See Diaminophenol)		...	...
Amidopyrine, Imp., 10 lb bxs	.. lb	4.60	: 5.00
Domestic 10 lb boxes	.... lb	4.60	: 4.75
Aminoazobenzene, 110 lb kgs	.. lb	...	1.15
AMMONIA, anhyd 100 lb cyl	.. lb	.13	: .15
Water 20° 800 lb drs del	lb	.03%	: .04
Drs. c-l delivered	.... lb	.03	: .03%
CP, clys	.... lb	...	.10

Ammonium Acetate, 100 lb kegs lb	...	...	.43
Benzoate, USP, 1 lb bot	.... lb	...	1.27
Bifluoride, 300 lb bbls	.... lb	.21	: .22
100 lb kegs	.... lb	.22	: .23
Bromide, 450 lb bbls 50 lb bbls	.... lb	...	.55
Imported, 112 lb boxes	.. lb	.50%	: .52
Carb., tech., 580 lb cases	.. lb	.08%	: .09
Powd., tech., 550 lb cks lb		.07%	: .07%
USP, lump, 100 lb kegs	.. lb	.11	: .11%
Powd., 100 lb kegs	.... lb	.13	: .13%
Second hands	.... lb	.11	: .11%
Chloride, Domestic		...	...
White, 250 lb bbls c-l	.. lb	...	.06
250 lb bbls le-l wks lb		.06%	: .06%
Imported white 600 lb cks lb		.05%	: .05%
CF, USP, gran bbls	.... lb	...	.14
Gray, 250 lb bbls, wks	.... lb	.07%	: .08
Bbls., c-l wks	.... lb	...	.07
Imported gray 250 lb casks lb		.06%	: .06%
Lump, 500 lb casks spot	.. lb	.11%	: .12
Iechthyolate, as to brand	.... lb	4.85	: 5.00
Iodide, USP, 25 lb jars	.... lb	...	5.20
Lactate, 500 lb bbls	.... lb	.15	: .16
Refined Crystals bbls	.... lb	...	.20
CP gran., 100 lb kegs	.. lb	.35	: .37
Oxalate, pure 100 lb kegs	.... lb	.35	: .37
Persulfate, 112 kegs	.... lb	.25	: .30
Phosphate, dibasic 200 lb bbls lb		...	.38
Mono, 325 lb bbls	.... lb	.12	: .12%
Tri basic 325 lb bbls	.... lb	...	.04
Salicylate USP, 100 lb kegs lb		.75	: .80
Sulfate bulk c-l	....100 lb	...	2.95
Southern points	....100 lb	...	3.00
200 lb dbl.bags f.a.s. 100 lb		2.85	: nom.
Sulfate-Nitrate, bulk fob NY ton	...	...	81.00
Sulfoeyanide, tech., 100 lb kgs lb		.40	: .45
CP, 25 lb jars	.... lb	.50	: .55
Amly Acetate, tech., 50 gal drs gal		2.35	: 2.45
Refined, 50 gal drums gal	2.85	: 3.50
Alcohol see Fuel Oil	

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3.50

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above on basis 25 lb lots		
Smaller lots at an advance		
Tri-Bromophenol	lb	4.00
Blanc Fixe, dry 400 lb bbls wks ton	80.00	90.00
Imported, bbls	70.00	72.00
Paste, 650 lb bbls c-l	55.00	65.00
BLEACHING POWDER, 700 lb drums		
c-l wks contract	100 lb	2.00
le-l wks contract	100 lb	2.15
c-l spot wks	100 lb	2.10
le-l spot wks	100 lb	2.25
le-l spot ex-warehouse, 100 lb	2.35	2.50
300 lb drms c-l, wks contract 100 lb		2.25
c-l spot wks	100 lb	2.35
le-l wks contract	100 lb	2.40
le-l spot wks	100 lb	2.50

Blood dried f.o.b. NY	unit	4.25
Chicago	unit	4.25
S Am. Shipment	unit	3.90
Blues, bronze Chinese, Milori		
Prussian Soluble	lb	.31
Blue Vitriol, see Copper Sulfate		
Bone 3 & 50 gr. steam Chgo. ton		30.00
Imp.	ton	35.00
Raw, NY	ton	34.00

Bone Ash, 100 lb kegs	lb	.06
Black, 200 lb bbls	lb	.08 1/4
Borax, crys., 400 lb bbls	lb	.05 1/4
Powdered, 300 lb bbls	lb	.05
Kew, 100-150 lb	lb	.05 1/2
Bordeaux Mixture, 16% pd	lb	.11 1/4
Paste, bbls	lb	.08
Boreol, See Aromatic Chemicals		
British Gum com c-l	100 lb	4.17
le-l	100 lb	4.27
Bromide, see potash. bromide etc.		
Bromine, bot. in 50 lb cs. wks lb		.45
Bromobenzene, 600 lb drums	lb	.50
Bromoform, USP, 5 lb bot cs	lb	1.85
Bruno Alkaloid, 100 ozs	ozs	.10
Sulfate, 100 ozs	ozs	.10
Second hands	ozs	.08 1/4

Butter of Antimony, see Antimony Chloride

Butyl Acetate, tank cars, wks	gal	1.80
Drums c-l wks	gal	1.84
Aldehyde, 50 gal drums wks	lb	.70
Propionate drums	lb	.37
Tartrate, drums	lb	.57
CADMIUM, metal 100 lb bxs	lb	.70
Bromide, 50 lb cases jars wks lb		1.15
Iodide, 10 lb bot	lb	4.45
Sulfide cs	lb	1.20
CAFFEINE ALK., USP, 5 lb cans lb		3.75
Second Hands	lb	3.40
Citrate, 25 lb cans	lb	2.70
Hydrobromide, 1 lb bot	lb	4.65
Hydrochloride, 1 lb bot	lb	6.05
Sulfate, 1 lb bot	lb	5.40
CALCIUM, Acetate, 150 lb bgs c-l		
100 lb	lb	3.25
Arsenate, 100 lb bbls c-l wks lb		.06
Bromate	lb	1.50
Bromide, 100 lb cs	lb	.60
Carbide 220 lb dr. c-l wks lb		.05 1/2
Carbonate tech., 100 lb bags		
c-l	100 lb	1.00
USP, preclp., 175 lb bbls	lb	1.10
Chloride, solid, 650 lb drs c-l		.06 1/4
f.o.b. wks	ton	21.00
Imp. Shipment	ton	17.50
Flake, 375 lb drs, c-l drs. f.o.b.		
wks	ton	27.00
Anhyd., 350 lb drs f.o.b. NY lb		.18
Glycerophosphate, 250 lb bbls lb		1.40
Hydrate see Lime		
Hypophosphite, USP, 25 lb cans lb		.80
Iodide, 5 lb bot	lb	4.35
Lactate, tech., 500 lb bbls	lb	.35
USP,	lb	.50
Nitrate, 220 lb bbls c-l NY ton		50.00
Phosphate, tech., 450 lb bbls lb		.09
Phosphate, mono, 325 lb bbls lb		.07
Stearate bbls	lb	.23
Sulfocarbonate, 100 lb kegs	lb	.55
CAMPOR, Amer., ref., 250 lb		
bbls	lb	.84

CAMPOR (Cont'd)

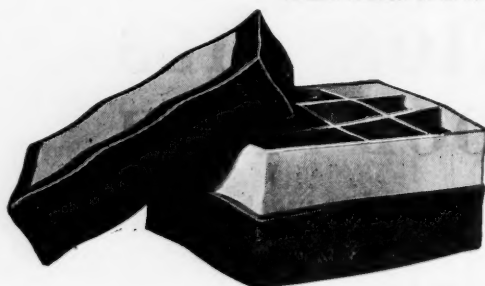
2 1/2 lb slabs, 100 lb cs	lb	.85 1/4
1 lb cakes, 100 lb cs	lb	.85 1/4
1 oz. tab., 1 lb ctms.,		
100 lb cs	lb	.90
Jap., ref., 2 1/2 lb slabs, 100 lb		
cs	lb	.73
1 oz. tab., 100 cs	lb	.83
oz	lb	.83
1/2 oz. tab., 100 lb cs, 1 lb		
tins	lb	.85
Crude, 100 lb cs	lb	.54
Campor, liniment, bbls	gal	2.25
Campor Monobrom., 100 lb cs lb		1.85
Caramel, 50 gal bbls	gal	.70
Carbazol, 250 lb bbls	lb	.50
Carbon Bisulfide, 500 lb drs lb-INY		.06
c-l drums, NY	lb	.05 1/4
Carbon Black, c-l wks bgs	lb	.08
100-300 lb cases le-l NY	lb	.12
Decolorizing 40 lb bgs c-l	lb	.08
80 lb drms c-l	lb	.08 1/4
Carbon Dioxide, Liquid, 20-25 cy		.06
Tetrachloride, 140 lb drs del lb		.06 1/4
Drums c-l delivered	lb	.06 1/4
Carminc, No. 40, 5 lb boxes	lb	5.00
Casein, edib., 100 lb keg	lb	.45
Tech., 200 lb bbls	lb	.13
100 mesh	lb	.14 1/2
Castor Oil, USP, 50 gal bbls lb		.17
Cases, 80 lb 2 tins	lb	.18
Tech., see Fixed Oils		
Caustic Potash, see potash, caustic		
Soda, see soda, caustic		
Cellulose Acetate 100 lb cases	lb	1.55
ton lots	lb	1.50
Cerium Oxalate, USP, 100 lb kegs lb		.33
Chalk, drop 175 lb bbls	lb	.03
Preclp., light 250 lb bbls csks lb		.04 1/4
Preclp. heavy 560 lb csks	lb	.02 1/4
Bulk	ton	5.00
Preclp. English, 7 lb bags	lb	.08 1/4
Preclp. heavy 560 lb csks	lb	.03 1/4

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Chemicals

.85%	CHARCOAL	Chrysarobin Powd., 400 lb bbls lb	...	3.50	Colchicine alk., USP., 1 oz vial oz	...	20.00
.85%	Hardwood, lump, bulk wks .bu	Cinchonine alk., purd., 100oz tins oz	...	.38	Salicylate 1 oz vial	...	35.50
.90	Spot, NY	Crystal	...	.68	Colloidal USP., 30 lb drums .lb	...	.23
.73	Wood, powd., 100 lb bbls .lb	Cinchonidin Sulfate, 100oz tins oz	...	.35	600 lb drums	...	.22
.83	Willow, powd., 100 lb wks bbls lb	Resale, 100oz lots	...	.32	Flexible, drums	...	.24
.85	Chestnut, clarified, 25% tks, wks lb	Cinchonine alk. powd., 100oz tins oz	...	.38	COPPER metal electrolytic c-l	...	
.56	Bbls, wks	Crystal	...	.43	NY	...	14.25
1.90	Powd., 60% 100 lb bags wks lb	Sulfate 100 oz tins	...	.25	Lake c-l NY	...	14.50
.80	Decolorized bags wks	Citric Acid, see Acid Citric	...		Casting c-l NY	...	13.75
.50	China clay, Dom bulk wks	Citricine Ointment, See Mercury	...		Carbonate 400 lb bbls	...	.16%
.06%	Washed & Ground wks	Coal Tar, See Tars	...		Chloride, 250 lb bbls	...	.28
.05%	Imp., Filler Clay	Cobalt metal, 100 lb kegs	...	2.50	Cyanide, 100 lb drs	...	.48
.08	Coating	Cobalt Oxide, 500 lb bbls	...	2.00	Iodide 5 lb bot	...	5.65
.12	Chinoidin, 140 lb drs	10 lb tins, 200 lb cases	...	2.20	Oxide, red 1000 lb bbls ton lots lb	...	.16%
.15	Chloral Hydrate, USP, 100 lb drs lb	COCAINE, alk., USP., 1 oz vial oz	...	10.57	Sub-acetate, verd. 440 lb bbls lb	...	.20
.15%	25 lb jars	Hydrochloride, USP—1 oz vials	...		SULFATE crys., 450 lb bbls lb-l	...	
.15	Chloramine USP 200 lb bbls .lb	25 ozs	...	8.07	spot	...	4.45
.15	Chlorosane, 5 lb bot	In 1/2 oz. vials	...	8.50	Carlots bbls spot 100 lb	...	4.90
.15%	Chlorhydrin, Ethylene anhyd., 600 lb drums	In crystals, granular, powder, or flaky crystals as desired	...		Carlots bbls FOB NY 100 lb	...	4.55
.06	40% sol'n., 100 lb chys .lb	Cocoa Butter, bulk, 200 lb bales	...		Powdered, 350 lb 5 bbls 100 lb	...	5.65
.07	CHLORINE, Liquid, tank or multi-unit car wks contract .lb	c-l	...	.31	Copperas bulk c-l NY wks	...	12.00
.06%	Tank car spot wks	Fingers, cakes, etc., 12 lb bxs lb	...	.37	200 lb bgs. c-l wks	...	15.00
5.25	Carlots cyl. wks, contract lb	CODEINE, alk. oz. vials 10 oz lots	...	9.87	400 lb bbls c-l wks	...	16.00
.85	spot, wks	Hydrobromide, 1 oz vials, 10 oz lots	...	7.92	Powdered bbls	...	1.90
.13%	lc-l cyl. wks, contract .lb	Hydrochloride, 1 oz. vials, 10 oz lots	...	7.42	Sugar, 400 lb bbls	...	1.25
.17	Spot wks	Nitrate, 1 oz vials, 10 oz. lots	...	8.87	Corn Syrup, 42 deg., 50 gal bbls	...	
.18%	Chlorobenzene, mono 100 lb drs. wks lc-l.	Phosphate, 1 oz. vials, 10 oz lots	...	7.42	43 deg. 50 gal bbls	...	3.31
1.85	CHLOROFORM USP., 50 lb drs lb	Salicylate 1 oz vials, 10 oz lots	...	7.42	44 deg. 50 gal bbls	...	3.43
1.50	Second Hand, 650 lb drs lb	Sulfate, 1 oz vis 10 oz lots oz	...	7.92	45 deg 50 gal bbls	...	3.50
.35	Technical, 650 lb drums	Small sizes, 1/2 oz vials, 50c ex. 1/4 oz 30c extra, single 7c ex. per oz.—25 oz lots, 10c oz cheaper than above. Less than 10 ozs. 15c oz higher than above.	...		Corn Sugar, see Glucose	...	
.03%	Chlorophyll Oil Sol.	COOLIVER OIL, Norwegian, 30 gal bbls	...	35.00	Cotton Soluble, 100 lb bbls wet lb	...	.40
.04%	Water Sol.		...	38.00	Cottonseed, Meal 7%	...	34.00
.03%	Chromium Acetate 20° sol'n. 400 lb bbls		...		Coumarin, 25 lb tins 100 lb	...	3.10
.08%	Fluoride, Powd., 400 lb bbls lb		...		CREAM TARTAR, USP., 300 lb bbls	...	.22
.03%	Oxide, Green bbls		...		Imp., powd., USP., 224 bbls lb	...	.21%
.08%	Chrome Green, C.P.		...		Creosote, USP., 42 lb chys	...	.40
.03%	Comm.		...		Carbonate, 100 lb., 50 lb., lb	...	1.70
	Chrome Yellow		...		Creosote Oil, 50 gal drums13
			...		Cresol, USP., 400 lb drums20
			...		Cudbear, English18



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Chemicals

.40
.10%
.65
.90
25.00
.06
.05
.10
.06%
.07
.08%
.55
.55
.06
3.00
nom.
.10
.95
.90
25.00
33.50
35.00
.09%
.10%
.09%
.42
.04
.40
40.00
.25
.20
1.50
3.50
.23
.22
.10
32.00
.05
.21

Gambler 25% liq., 450 lb bbls	.12	.14
Common 200 lb cases	.19%	.20
Singapore cubes, 150 lb bags	.23	
Gelatin, USP, silver 1 lb 100 lb cs	.60	.65
Gold Label, 100 cases	1.00	
Technical, 100 lb cs	.45	.50
Pure Food, 50 lb bbls	.55	.60
Sheets	.53	.55
GLAUBER'S SALT, tech., 200 lb bags		
c-l wks	1.10	1.20
1c-l wks	1.35	1.45
350 lb bbls, c-l wks	1.25	1.35
Bbls, 1c-l wks	1.50	1.60
Imported, bags NY	.75	.80
USP, 300 lb bbls, imp., sp. 100 lb	1.25	
USP, 300 lb bbls, dom. sp. 100 lb	1.75	
USP, 300 lb bbls, c-l wks 100 lb	1.40	
Calcined, see Sodium Sulfate		
Glucose, (Grape Sugar) dry, 100		
70° bags c-l NY	3.14	3.24
80° bags c-l NY	3.24	3.34
Tanners' Special 100 lb bags 100 lb	3.14	
GLUE, pure white bbls	.22	.26
Medium white, bbls	.20	.24
French bbls	.18	.25
High Grade, bbls	.35	.40
Bone, regular, bbls	.10	.12
Fish, bbls	1.50	1.75
Hide bbls	.14	.24
GLYCERIN, C.P. 550 lb drums	.25	.30
Cans, 50 lb	.27%	.28
Dynamite, 100 lb dr	.23	.25
Saponification tanks	.16%	.17
Soap, Lye tanks	.14%	.15
Gua Powder, see chrysarobin		
Graphite, crude, 220 lb bags	15.00	35.00
Flake 500 lb bbls	.05	.09
Ground Imp., bbls	.04	.05
Gualacol liquid USP, 100 lb chys	2.00	2.25
Crystals	2.25	2.50
Benzonate, 1 lb bot	13.00	
Carbonate, 5 lb boxes	2.50	2.75
Second Hands	2.00	2.10

HAARLEM OIL, Dom., 6 gr. cs. gr	3.15	3.30
Imported 5 gr cases	3.65	
Halazone 5 lb bot	2.75	3.25
HEMATINE, Paste, 500 lb bbls	.09	.12
Crystals, 400 lb bbls	.12	.20
Hemlock, 25% 600 lb bbls wks	.03%	.03%
Hemlock, bark	16.00	
Hexachlorethane Drums wks	.45	
Hexalene, 50 gal drs. wks	.55	.57
Hexamethylenetetramine, USP,		
100 lb drums	.60	.62
Imported	.54%	
Rubber Makers, Impalp. Pd.		
dr	.80	.82%
Homotropine Hydrobrom USP, 1 oz		
vials	14.50	
Five oz., 1 oz vials	13.50	
Hydrastine, Alk., USP, 1 oz vials	20.50	21.00
Hydchlde, USP, 1 oz vial	20.50	21.00
Sulfate 1 oz vial	22.50	23.00
Hydrastinine Hydchlde, USP, 15 gr		
vials	40.00	
Hydrobenzene 100 lb kegs		
HYDROGEN PEROXIDE, 25 vol. 400 lb		
bbls	.07	.07%
180 vol. 140 lb chys	.32	.34
USP, 30° 375 lb bbls	.04	.05
100 vol 145 chys	.46	
USP, bot 4 oz. cases	7.75	8.00
Bot. 8 oz cases	11.10	12.00
Bot. 16 oz cases	18.25	19.00
Hydroquinone, 100 lb kegs	1.25	1.50
Hyoscline Hydrobrom. USP, 1 oz		
vial	13.57	
Five oz., 1 oz vial	13.07	13.57
Hyoscyamine Alk., Cryst., 1 oz vial	25.07	
Alkaloid, Amorphous, 1 oz vial	75.07	
Hydrobromide, USP, 1 oz vial	35.07	
Sulfate, 1 oz vial	25.07	
Hyperide, 51%, 600 lb bbls	.12	.15
Chips	.06%	.07
Indigo Madras bbls	1.28	1.30
20% paste drums	.14	.15
IODINE, crude 200 lb kegs	4.20	4.25
Resublimed, 10 lb jars	4.65	4.70

Iodine Tinct., USP, 50 gal bbl gal	4.85	
Carboys	4.90	
Second Hands	4.70	
Crystals, 10 lb bot	6.05	
Iodides, see Potass. Iodide, etc.		
Iodoform, powd., 10 lb bot	8.00	
Iridium, metal 10 oz. lots	260.00	
Iron, metal by hydrogen 1 lb bot	.68	.70
IRON & AMM. CITRATE, USP, 50 lb		
CANS	.69	
Bromide	1.10	1.22
Cacodylate, 100 lb bot	8.00	8.10
Citrate, USP, VIII 25 lb cans	.94	1.01
Chloride, see Ferric or Ferrous		
Hypophosphite, 5 lb cans	1.55	1.60
Syrup, USP, 5 lb, bot	.35	.36
Iodide, 1 lb bot	4.28	
Syrup, USP, 5 lb bot	.35	.36
Nitrate, kegs	.09	.10
Com'l. bbls	2.50	3.25
Oxalate scales, 25 lb cans	.88	.97
Oxide, red Spanish	.02%	.03%
English	.10	.12
Perchloride see Ferric Chloride		
& Ammon. Oxalate, 25 lb bbls	.37	.40
& Potassium Oxalate, 250 lb	.40	.42
& Sodium Oxalate, 24 lb bbls	.32	.35
Phosphate, USP, 50 lb	.60	
Pyrophosphate, USP, 50 lb	.74	
JALAP RESIN, lump, 5 lb tins	4.00	
Powd., tins	4.65	
Powd., tins	4.65	
KIESELGUHR, 95 lb bags NY ton	60.00	70.00
LANGOLIN See Adeps Lanas		
Larch, 25% 600 lb bbls wks	.03%	.04
Powd., 100 lb bags wks	.08	.09
LEAD, metal c-l NY	.09%	.09%
Acetate, white crystals, 500 lb	.14%	.15
bbls, wks		
100 to 250 lb kegs, wks	.15%	
White, broken bbls, wks. 100 lb	15.00	
White, gran bbls. wks. 100 lb	15.00	15.50
White, powd., bbls, wks 100 lb	15.25	
Brown, broken bbls wks	.13%	.14



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Chemicals

LEAD ACETATE (Cont'd)			LITHOPONE (Continued)			MANGANESE DIOXIDE (cont.)		
USP., 100 lb kegs	..19	: .19%	Bags c-1 wks	..	: .05%	85-90% 900 lb bbls NY ton	85.00	: 90.00
Arsenate, 100 lb kegs	..	: .15	Imported, 400 lb bbls	..	: .05%	Hydrated, precip., 100 lb kegs	..15	: .23
Bbls., c-1 wks	..	: .14	Litmus Cubes	..	: .90	Glycerophosphate, 5 lb tins	..2.90	: 3.00
Bbls., 100 & 600 lb bbls	..	: .14	Second hands	..	: .75	Hypophos USP VIII 5 lb cans	..1.35	: 1.40
Paste, 100 & 600 lb bbls	..08	: .09	Logwood 51° 600 lb bbls	..	: .08 1/4	Iodide, 1 lb bot	..6.40	: 6.55
Iodide, USP, VIII 5 lb bot	3.20	: 3.40	Lower grades	..	: .07 1/4	Ore, bulk, c.i.f. NY	..	: .44
Nitrate, 500 lb bbls wks	..	: .14	solid, 50 lb boxes	..	: .12	Sulfate, 550 lb drums NY	..	: .07 1/4
Oxide, Litharge, 500 lb bbls	..	: .11%	LOGWOOD, sticks	26.00	: 27.00	Mangrove, 55% 400 lb bbls	..	: .03 1/4
100 kegs wks	..	: .14%	Chips, 150 lb bags	..	: .03 1/4	Mangrove, bark, African	..	: 44.00
Oxide, red, 500 lb bbls, wks	..	: .12%	Luminal, see Phenylethylmalonylurea	..	: .30	Marble Flour, bulk	10.00	: 12.00
100 lb kegs wks	..	: .12%	Madder, Dutch	..	: 14.25	See also Calcium Carbonate		
Oleate, bbls	..	: .17 1/4	MAGNESITE calcined, 500 bbls ton	14.25	: 17.50	MENTHOL, USP, 60 lb cases	..6.00	: 6.25
Peroxide, 100 lb drs	..25	: .30	Magnesium, mtl. sticks 100 lb cs	..	: .85	Less case, 5 lb tins	..	: 8.25
White, basic carb., 500 lb bbls	..	: .10%	f.a.b. wks	..	: 1.50	Synthetic	..	: 5.75
wks	..	: .14%	Bromate	..	: .06 1/4	MERCURY, metal 75 lb flask flask	88.00	: 89.00
100 lb kegs wks	..	: .10	Carb. tech. 70 lb bags NY	..	: .08 1/4	Less flasks 5 lb jugs	..	: 1.38
White sulfate 500 lb bbls wks	..	: .21	75 lb bbls NY	..	: .08 1/4	Bichloride, cryst., 25 lb bxs	..	: 1.31
Licorice Ext., Mass cases	..	: .22	USP., 100 lb bbls	..	: .10	Gran., powd., 200 lb kegs	..	: 1.16
Compound powder, bbls	..	: .35	English, oz. blocks	..	: .17	Bisulfate, 25 lb boxes	..	: 1.14
Powdered	..	: .36	Chloride, fused 575 lb drs. c-1	..	: 34.00	Blue Mass., 25 lb boxes	..	: .74
Sticks, 1 oz 100 lb cases	..	: .35	wks	..	: 36.00	Powdered, 25 lb boxes	..	: .76
LIME (Salts, see Calcium Salts)			Flake, 350 lb drs. wks. c-1 ton	..	: 36.00	Blue Ointment, USP., 25 lb cans	..	: .99
Ground Stone, bags	..	: 4.50	Imp., Flake Shipt.	30.50	: 31.00	50%	..	: .74
Live, bulk	..	: 8.50	Imp., fused 900 lb bbls NY ton	28.00	: 30.00	USP, dilute 25 lb cans 30% b	..	: .80
Live, 325 lb bbls. ton lots	..	: 1.05	Fluosilicate, crystals 400 lb bbls	..	: .12	33 1/4% Mercury	..	: 1.45
wks	..	: 1.08	wks	..	: .07	33 1/4% Mercury	..	: .80
Single bbl., wks 100 lb	..	: .85	30% sol'n. 500 lb bbls wks	..	: .06	Calomel, 50 lb -bxs	..	: 4.10
Hydrated, 167 lb bbl. ton lots	..	: .01	Sol'n. bbls., c-1 wks	..	: 3.20	Red, USP., 25 lb jars	..	: 4.20
Single bbl. wks	..	: .08 1/4	Glycerophosphate, 5 lb tins	..	: .50	Yellow, USP, VIII 25 lb jars	..	: 2.04
Oyster Shell, 150 lb bbl sing.	..	: .08	Hypophosphite, 5 lb cans	..	: .75	Tech.,	..	: 1.43
Sulfur, dry 200 lb drs NY	..	: .23	Oxide, USP., light, 100 lb bbls	..	: .23	Red Precip., USP., 25 lb bxs	..	: 1.66
Dr., c-1 NY	..	: 6.25	USP., heavy, 250 lb bbls	..	: .26	Powder, USP., 25 lb bxs	..	: 1.67
33° Sol'n., 50 lb bbls NY gal	..	: 6.75	Perborate, 1 lb tins	..	: .06 1/4	White Precip., USP., 25 lb bxs	..	: 1.72
Linalool, 5 lb bot	..	: 1.45	Salicylate, 100 lb kegs	..	: .25	Powdered, USP., 25 lb bxs	..	: .74
Litharge see lead oxide			Stearate bbls	..	: .24	With chalk, USP, 25 lb bxs	..	: .74
Lithium Carb., USP., 100 lb kegs	1.45	: 1.50	Sulfate see Epsom Salts			Meta-Nitroaniline	..73	: .74
Bromide, 100 lb cs	1.80	: 1.90	Manganese Borate, 30% 200 lb	..	: .25	Meta-Nitro-pars-Toluidine, 200 lb	..	: 1.80
Citrate USP, 100 lb kegs	1.70	: 1.75	bbls	..	: .06	bbls	..	: .74
Iodide 5 lb bot	..	: .06 1/4	100 lb kegs	..	: .06 1/4			
Lithopone, 400 lb bbls., 1-l wks	..	: .05%	Chloride, 600 lb csks	..	: .06 1/4			
Bbls., c-1 wks	..	: .05%	Dioxide, 80-84% 900 lb bbls	80.00	: 85.00			
			NY	..				

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Nitrobenzene, crude, 1000 lb drs	..	09½% .	.10
wis
Redistilled, 1000 lb drs wis10	.11
Nitrogenous Material, bulk	3.60
Nitronaphthalene, 550 lb bbls25
Nitrotoluene, mixed 1000 lb drs
wis14	.15
Nutgalls, see Crude Drugs
Oak bark, whole	ton	20.00	23.00
Ground	ton	45.00	50.00
Oak, tanks, wis	03½%
23-25% liq., 600 lb bbls wis lb	..	.04	.04½
Solid, powd.07½	.08
Ochre	03½%
Oil Fuel, see Fuel Oil
OIL MINERAL, wh, 50 gal bbls gal	..	.80	.90
Russian	gal	.95	1.00
Oil Mirbane, see nitrobenzene
Opium, see crude drugs
Orange Mineral, 1100 lb casks NY lb14½%
700 lb bbls NY14%
Ortho-Aminophenol, 50 lb kegs lb	..	2.15	2.25
Ortho-Anisidine, 100 lb drs	2.75	3.00
Ortho-Dichlorobenzene, see Dichlorobenzene
Ortho-Nitrochlorobenzene, 1200 lb
drs. wis32	.35
Ortho-Nitrophenol, 350 lb90	.95
Ortho-Nitrotoluene, 1000 lb drs.
wis13	.15
Ortho-Toluidine 350 lb bbls25	.27
Osage Orange 5½ liquid07	.07½
Powd., 100 lb bags14½	.15
Crystals18	.17
Oxgall, USP, 5 lb bot	1.75	2.50
Purified, 5 lb bot	2.00	2.50
Crude, 5 lb bot	1.00	1.25
PALLADIUM, metal 10 oz lots ..	oz	80.00	81.00
Pancration, USP., 5 lb bot	2.25	2.50
Papain, 10 lb bot, USP, Powd., lb	..	4.00	4.50
Crude, 150 lb cases
Paraffin, ref'd. 200 lb cs alaba
118-120 Deg. M.P.08	.09
123-127 Deg. M.P.03	.06½

1816

1926

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Butyl Propionate

Isco Carrara Silica

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Chemicals

PARAFFIN (Con't)				PARIS GREEN (Con't)				PILOCARINE HYDCHLIDE, USP, 25cm			
128-132 Deg., M.P.	D	.07%	.07%	Packages, 5 and 2 lbs.	D	.23	.24	lots, 1 oz vials	oz	4.00	4.50
133-137 Deg., M.P.	D	.08	.08%	Packages, 1 lb, ½ lb, ¼ lb, ...	D	.25	.26	Nitrate, 25 oz.	oz	...	4.00
138-140 Deg. M.P.	D	.08%	.10	Paris White, see Whiting French				Single oz.	oz	...	4.50
Para-Aminoacetanilid, 100 lb								Alkaloid, 15 gr. via	ea	...	.85
kegs	D	1.00	1.05	Pepsin, USP., 5 lb bot. 1:3000 lb	D	2.50	2.75	Pine Oil, stm., dist., bbls	gal	...	.66
Para-Aminophenol, 100 lb kegs	D	1.10	1.16	1:6000 bottles	D	5.00	5.25	Destructive dist.	D	.63	.64
Hydrochloride, 100 lb kegs	D	1.25	1.30	1:10,000 bottles	D	8.35	8.50	Piperazine Hydrate, 1 lb bot	D	...	15.00
Para-Dichlorobenzene, 150 lb bbls.				Peptone, powd., 5 lb	D	...	1.25	Piperidine, 25 oz	oz	1.10	1.25
wks	D	.17	.20	PETROLATUM, green 300 lb bbls	D	.02½	.03	Pitch, Coal-Tar, wks	ton	24.00	26.00
25-50 lb kegs	D	.18	.22	Dark Amber, 300 lb bbls	D	...	.04½	Prime	...	8.00	10.60
Paraldehyde, USP., 100 gal drs gal	...	...	.48	Light Amber, 300 lb bbls	D	...	.04½	Plaster Paris, tech., 250 lb bbls bbl	...	...	3.30
Tech.,	D	...	.35	Cream White, USP, 300 lb bbls	D	.07	.07½	True Dental, 300 bbls	bbl	...	4.50
Para-Cymene, Fed., 110 gal drs gal		2.25	2.50	Lily White, USP., 300 lb bbls	D	...	.07½	Platinum, metal soft 10 oz lots oz	...	...	120.00
Paraformaldehyde, USP., 100 lb cs lb		.42½	.45	Snow White, USP., 300 lb bbls	D	...	.12½	Podophyllin, 5 lb bot	D	4.25	4.50
Para-Nitroacetanilid, 500 lb				Phenol, see also acid carbolic				Second Hands	D	4.20	4.30
bbls	D	.50	.55	Makers 950 lb drums spot	D	.21	.22	POTASH SALTS, rough			
PARA-NITROANILINE, 300 lb bbls				Small drums 240-100 lb	D	.22	.24	Pot. Muriate basis 80% bgs ton	...	...	34.90
wks single bbl	D	.51	.52	Open market drums	D	...	.21	Pot. Sulfate, basis, 80% bgs. ton	...	...	45.85
Para-Nitrochlorobenzene, 1200 lb drs				240 lb des. drs., wks	D	...	.27	Pot. & Mag., Sulfate, basis 48%	...	...	26.36
wks	D	...	.32	Natural, 240 lb des drs. wks	D	...	...	bgs	...	...	18.00
Para-Nitro-ortho-Toluidine, 300 lb				Phenolphthalein, USP., 100 lb drs lb	D	1.30	1.40	Manure Salts basis 30% bulk ton	...	...	11.35
bbls	D	2.75	2.85	5 lb cans, 100 lb lots	D	1.40	1.50	Kainit, basis, 12.4% bulk ton	...	...	8.50
Para-Nitrophenol, 185 lb bbls	D	.50	.55	Phenyl-Alpha-Naphthylamine 100 lb				Bulk in bags, \$2.00 extra			
Para-Nitrosodimethylaniline, 120 lb				kegs	D	1.23	1.29	Prices c.i.f. Atlantic & Gulf Ports			
bbls	D	.92	.94	Phenylethylmalonylurea, oz. pkg., oz	...	...	5.50	Discounts 50 tons, 5%; 500 tons 10%			
Para-Nitrotoluene, 350 lb bbls	D	.25	.27	Phosgene, 100 lb cylinders	D	...	...	POTASH, CAUSTIC, solid 88-92%			
Para-oxy Benzaldehyde, 100 lb				Phosphate Acid, 16% Bulk wks unit	D	.62½	.65	700 lb drs wks	D	.07½	.07%
kegs	D	...	1.70	Phosphate Rock, f.o.b. mines				Imp., 88-92% 700 lb drs. NY lb	D	.07½	.07%
Para-Phenetidin, 500 lb drs	D	1.55	1.80	Florida Pebble 68%	ton	2.75	3.00	USF, by alcohol 5 lb cans	D	.46	.47
Para-Phenylenediamine, 350 lb				Florida Pebble 70%	ton	3.00	3.25	cases	D	.30	.31
bbls	D	1.20	1.25	Florida 72%	ton	3.75	4.00	POTASSIUM Acetate, USP., 100 lb			
Para-Toluene-Sulfonamide, 175 lb				Florida Pebble, 75-74%	ton	4.25	4.50	kegs	D	.29	.30
bbls	D	.40	.41	Tennessee, 72%	ton	...	5.50	Second Hands, kegs	D	.26	.28
Para-Toluene-Sulfonchloride, 410 lb				Phosphorus Oxichloride, 175 lb cyl. lb	D	.35	.40	Bicarbonate, crys., 320 lb bbls lb	D	.08½	.09
bbls. wks	D	.18	.30	Phosphorus, red 110 lb cs	D	.68	.70	Bichromate crys., 725 lb csks lb	D	.08½	.08½
Para-Toluidine 350 lb bbls wks	D	.50	.60	Yellow, 110 lb cs wks	D	...	.32	Powd. 725 csks, wks	D	.11	.12
PARIS GREEN				Imported, 110 lb cs wks	D	.35	.37½	Binoxalate, 300 lb bbls	D	.16	.17
Arsenic Basis, 500 lb kegs	D	.19	.20	Phosphorus Trichloride, 175 lb cyl				Import, 112 lb bbls	D	.18	.19
Kegs, 100 lbs.	D	.21	.22	wks	D	...	.45				
Kits, 56, 28, 14 lbs.,	D	.22	.23	Phthalic Anhydride, 100 lb bbls							
				wks	D	.18	.20				

NAPHTHALENE

Barrett Quality

Polar Brand

FLAKE, BALLS, RICE, GRANULATED, TABLETS

For Drug Trade

THE BARRETT COMPANY
40 Rector Street New York City



"Barrett Standard"

Barrett
CHEMICALS

Chemicals

POTASSIUM (Cont.)

Bisulfate, C.P., 50 lbs cans .....	.30	
100 lb kegs .....	.32	
Bromate, 100 lb cs .....	.35	
BROMIDE, USP, cryst, 450 lb		
bbbs .....	.48	.49
Granular, 300 lb bbls .....	.48	.49
Cases, 100 lb .....	.50	
Imported, USP, 220 lb cs .....	.37	.39
Shipment .....	.43 1/2	
CARBONATE, 80-85% calc.		
800 lb cks .....	.05 1/2	
80-85% hydrated, 800 lb		
cks .....	.05 1/2	
90-95% calc. casks .....	.06	.06 1/2
96-98% calc. casks .....	.06 1/2	.06 1/2
99% calc. casks .....	.07 1/2	
USP 100 lb kegs .....	.11	.11 1/2
99% C.P. casks .....	.12 1/2	
Chlorate, cryst, 112 lb bgs c-l		
wks .....	.08 1/2	.09
Imp. 112 lb NY lb .....	.08 1/2	.08 1/2
Powd., 112 lb kegs wks .....	.08 1/2	.09
Imp. kegs NY .....	.08 1/2	.08 1/2
Gran. Imp., 112 lb kegs NY lb	.10 1/2	.11
Pyrotechnic, fine powd. NY lb	.07	
USP, fine powder, 110 lb kegs		
NY .....	.14	.15
Crys. .....	.12	
Gran. .....	.14	
Chloride, crys., bbls .....	.05 1/2	.05 1/2
Citrate USP, 50 lb .....	.60	
Cyanide 110 lb cases .....	.52	.55
Glycerophosphate, 75% Soln. 25 lb		
tins	1.35	1.50
10 lb	2.00	2.25
Gualacol Sulfonate	1.50	1.75
See bands	1.35	1.40
Hypophosphite, 10 lb cans .....	.80	.85
Iodide, USP, 100 lb cases	3.75	3.80
Lactophosphate 4 oz bot .....	.90	
Metabisulfite, 300 lb bbls .....	.10	.11
Imp., 550 lb bbls .....	.10	.11

POTASSIUM (Cont.)

Muriate, 80% 200 lb bags, NY		
K.Omit .....	.63	
Nitrate, see Saltpetre		
Oxalate, neutral, 225 lb bbls lb	.16	.17
Perchlorate, 112 lb kegs .....	.10 1/2	.10 1/2
PERMANGAN, USP, crys 500 lb		
& 100 lb drs., wks .....	.15	.16
Imp. 113 lb drs .....	.14	.15
Prussiate red, 500 lb casks .....	.37	.38
Prussiate, yellow 500 lb casks .....	.18	.18 1/2
Salicylate, 25 lb cans .....	.60	.65
Sulfate, 200 lb bags, NY K.Omit	.35	
USP, VIII 100 lb kegs .....	.15	
Sulfocyanide, CP, 25 lb jars .....	.50	
Tartrate, neutral 100 lb kegs .....	.51	
Titanium Oxalate, 200 lb bbls lb	.30	
Pumice Stone, lump, 250 lb bbls lb	.04 1/2	.06
Lump, bags .....	.04	.05
Powdered, 350 lb bbls .....	.02 1/2	.03
Pyridine 50 gal drums	4.60	4.80
QUEBRACHO, 35% Liquid tks .....	.03	.03 1/2
450 lb bbls c-l .....	.03 1/2	.04
35% bleaching, 450 lb bbls lb	.04	.05
Solid 63%, 100 lb bales c.l.f. lb	.04 1/2	.04 1/2
Jan-June .....	.04 1/2	.04 1/2
Clarified, 64% bales .....	.05	
Jan-June .....	.04 1/2	.05
Quercitron, 51° 450 lb bbls .....	.06 1/2	.07
Solid, 100 lb boxes .....	.10	.13
Quercitron bark, rough	14.00	
Ground	34.00	35.00
QUICKSILVER, see Mercury		
Quinidine Alk., 100 oz tins .....	.70	.75
Sulfate, 100 oz tins .....	.50	
Quinodine, see Chinodine		
QUININE SULFATE, USP		
American 100 oz tins .....	.50	
1 oz tins 100 oz lots .....	.57	
Dutch, 100 oz tins .....	.50	

QUININE SULFATE, USP

Java, 100 oz. tins .....	.50	
Japanese, 100 oz tins .....	.50	
Resale .....	.47 1/2	
Acetate .....	.88	
Arsenate .....	.88	
Benzoate .....	.88	
Bisulfate, USP .....	.45	
Resale .....	.37	.41
Citrate .....	.62	
Dihydrochloride, USP .....	.66	
Dihydrochloride .....	.66	
Dicarbonate 1 oz tins	2.50	
Ethyl Carbonate, 16 oz tins .....	.70	
Ferrocyanide .....	.88	
Formate .....	.85	
Glycerophosphate .....	.88	
Iodide .....	.88	
Hydrobromide, USP .....	.62	
Hydrochloride, USP .....	.62	
Hydrochlorosulfate .....	.66	
Hydrochloride & Urea, USP .....	.88	
Hypophosphite .....	.88	
Lactate .....	.78	
Phenolsulfonate .....	.88	
Phosphate .....	.74	
Salicylate, USP .....	.63	
Tannate, USP .....	.45	
Tartrate .....	.88	
Valerate .....	.80	

Small Sizes; 1 oz vials or cans, 50 oz. lots, 5c oz extra; 5 oz cans, 50 oz. lots, 3c oz extra; 25 oz. cans, 50 oz. lots, 2c oz extra; single 1 oz. vials or cans, 5c extra. All minor quinine salts sold and quoted basis 100oz lots in 100oz cans. Sulfate and bisulfate sold basis 100 oz lots in 100 oz cans. Smaller orders or containers extra as above schedule

Quinine

Bi-sulphate
Sulphate

A beautiful white, fluffy product manufactured in
"Roche" laboratories.

Available in bulk or in standard subdivisions very
attractively packaged.

Hoffmann-La Roche Chemical Works

19-21 CLIFF STREET

New York City

Chemicals

Quinone, 100 lb kegs D	1.75	: 2.25	SALTPETRE, Double Refined			SODA ASH (Cont.)		
N SALT, 250 bbls, wks D	.45	: .47	Granular, 400-500 lb bbls			c-l wks 100 lb	...	1.45
Red Lead, see lead oxide			c-l wks D	.06%	: .06%	Pmpt. and spot, Basis 58% bags		
Red Precipitate, see mercury			Less c-l wks, bbls D	.06%	: .06%	c-l wks 100 lb	...	1.50
Bennet, N.F., 5 lbs (125,000) D	2.95	: 3.50	Large Crystals, 350-400 lb bbls,			SODA, CAUSTIC, 76% solid.....		
Resorcin, see resorcinol			c-l wks D	.07%	: .07%	1-4 drums delv'd. NY100 lb	...	3.91
Resorcinol, tech., 100 lb kegs D	1.80	: 1.85	Triple refined, Granular, 350 lb			5 & Up drums delv'd NY100 lb	...	3.76
USP, 25 lb cans D	2.25	: 2.35	bbls 1-c-l D	.06%	: .06%	Ground & Flake 76%		
Rochelle Salt, USP, 225 lb bbls D	.20	: .20 1/2	Powdered, bbls c-l wks .. D	.07%	: .07%	1-4 drums, delv'd. NY 100 lb	...	4.31
Imp., USP, 300 lb bbls D	.19	: .19 1/2	Imported, 500 lb bbls. NY .. D	.08%	: .08%	5 & Up drs delv'd NY110 lb	...	4.18
Rosewater, triple 5 gal demis D	.85	: .90	Santonin, USP, bulk D	141.00	: 145.00	1-4 bbls delv'd 100 lb	...	4.58
Roanin, (Solid in 600 lb bbls gross			Powd. bulk D	142.00	: 147.00	5 & Up bbls delv'd. 100 lb	...	4.41
on a unit of 280 lb)			Saponin, refined, 5 lb tins D	1.25	: 1.50	Contract basis 76% c-l wks		
B 280 lb	...	13.40	Crude D	1.00	: 1.25	100 lb	...	3.10
D 280 lb	...	14.00	Satin White, 500 lb bbls D	...	.01%	Pmpt. and spot Basis 76%		
E 280 lb	...	14.50	Scopolamine, see hyoscine			c-l wks 100 lb	...	3.20
F 280 lb	...	14.55	Seldilts Mixture, 225 lb bbls .. D	.16%	: .16%	Contract 74% low grade c-l wks		
G 280 lb	...	14.55	SILICA			flat 100 lb	...	3.02
H 280 lb	...	14.60	Crude, bulk, mines ton	6.00	: 7.00	Ground & flake, 76% pmpt., and		
I 280 lb	...	14.90	Refined, floated, bags ton	15.00	: 30.00	spot, wks, c-l drs 100 lb	...	3.60
K 280 lb	...	15.50	Air floated, bags ton	32.00	: 50.00	Contract 76% drums c-l wks		
M 280 lb	...	15.60	Extra, floated, bags ton	55.00	: 65.00	flat 100 lb	...	3.50
N 280 lb	...	16.30	Colloidal, 1 dos bot oz	...	2.80	USP, stick, 10 lb cans lb	...	.21
WG 280 lb	...	16.40	SILVER, metal American oz oz	...	.67	Pure, stick, by alcohol lb	...	.27
WW 280 lb	...	16.70	Iodide, 16 oz bot oz	...	.69	Soda Sal. see Sodium Carbonate		
(Sold in 600 lb bbls net, quotations based			Nitrate 16 oz bot oz	...	.45 1/2	Sodium Metal, 12 1/2 lb bricks .. lb	...	.27
on a unit of 280 lb)			Nucleinate 1 oz bot oz	...	.41	SODIUM ACETATE, crys 450 lb bbls		
Roan Oil first run 50 gal bbls gal	...	.73 1/2	Bulk oz	...	.34	wks lb	.04%	.05
Second run bbls gal	...	.78 1/2	Proteinates, 1 oz bot oz	...	.36	Aluminate 500 lb bbls wks D	.07%	.08
Roten Stone lump imp bbls .. lb	.07	: .08	Bulk oz	...	.29	Aluminum Sulfate, see alum soda		
Lump selected, bbls .. lb	.09	: .12	Soap, Castile, 40 lb bxs lb	.20	: .25	Arsenite, 4 lb mil. wks drn gal	.50	: .60
Powdered, bbls lb	.02	: .05	Powd. USP, 250 lb bbls .. lb	.28	: .30	Drums, 8 lb material, wks gal	1.00	: 1.20
Domestic, bags mines 24.00	: 30.00		Green, USP, 450 lb bbls D	.07%	: .08 1/2	Benzonate, USP, 100 lb bbls lb	.50	: .55
SACCHARIN, USP, 10 lb cans, 25 lb			Soapstone, see Talc. crude			Bicarbonate, 400 lb bbls NY100 lb	...	2.41
Soluble, USP, 10 lb cans, 25 lb D	1.75	: 1.85	SODA ASH, 58% light			Bbls c-l wks 100 lb	...	2.00
Sago, Flour 150 lb bags D	1.75	: 1.85	1-4 bags delivered NY..... 100 lb	...	2.19	112 lb kegs c-l wks .. lb	...	2.25
Sal Ammoniac, see Ammon. Chloride			5 & Up bgs, delv'd NY100 lb	...	2.04	112 lb kegs NY 100 lb	...	2.68
Sal Soda, see Sodium Carbonate			1-4 bbls. delv'd. NY 100 lb	...	2.44	Bichromate, 500 lb casks wks D	.08%	.08 1/2
Sallein, USP, 1 lb cartons, 25 lb D	4.75	: 5.00	5 & Up bbls delv'd NY 100 lb	...	2.29	Casks c-l NY lb	.08%	.08 1/2
Salol, USP, 100 lb drums D	.80	: .90	Contract, Basis 58% dense bags			Casks, NY lb	.08%	.08 1/2
Salt, Common, see sodium chloride			wks 100 lb	...	1.33	Bisulfite, dry powder 500 lb		
Salt Cake 94-96% c-l wks ton	19.00	: 20.00	Prompt and spot, Basis 58% bgs			bbls wks lb	.03%	.04
White 87% wks ton	14.00	: 15.00	c-l wks 100 lb	...	1.43	Imported lb	...	.03%

E. ATKINS & CO.

Alcohol Division

90 WALL STREET

NEW YORK

ALCOHOL

PURE and DENATURED
in Tank Cars, Drums and Barrels

Distillery

PENNSYLVANIA SUGAR Co.
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SPECIALLY COMPLETELY

Tanks Drums Barrels

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New York



EVERY product sold by Solvay strengthens the reputation of both seller and buyer. The reason?—the maintenance of fair prices, courteous treatment, prompt service and products of well-known dependability.

Solvay 58% Soda Ash
Dense—Light
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Solvay Tanners Soda
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Chemicals

SODIUM (Cont.)

BROMIDE, USP, 450 lb bbls lb	.48	: .49
Cases, 50 lb	.48	: .49
Imp. USP., 220 lb cases lb	.42½	: .43
Bromate, 100 lb cs		: 1.15
Cacodylate, USP, 25 lb		: 1.15
50 lb bot	5.90	: 6.10
Carbonate Sal Soda 350 lb bbls		
lc-l NY	1.30	: 1.35
Works c-l	1.10	: 1.30
Monohydrate, 400 lb bbl		
lc-l NY		: 2.40
Pure photographic 100 lb		
kg	.08	: .08
Chlorate, 112 lb kegs wks lb	.05½	: .06
Imported, 112 lb kegs	.06½	: .06¾
Chloride, tech	12.00	: 13.00
C. P. 300 lb bbls	.05	: .06
Chromate 800 lb bbl		: .08
Citrate, USP, X 50 lb bbls		
kegs	.45	: .47
USP, VIII, 50 lb bbls kgs lb	.38	: .40
Cyanide 96-98% 100 & 250 lb drums		
wks		: .20
c-l wks		: .19
Imp. 95-97% 100 lb drums		: .19
c-l		: .18
Fluoride, 300 lb bbls, wks lb	.09	: .09½
Imp. 700 lb cks	.08½	: .09
Glycerophosphate USP, cryst. 25 lb cans	1.40	: 1.55
Powder, 25 lb tins	1.45	: 1.60
Solution, USP, 25 lb tins lb	1.05	: 1.20
Hydroxide, see Soda Caustic		
Hypochlorite Soln., 100 lb chys lb		: .05
14½ soln., 50 lb chys lb		: .04
Hydrosulfite, 200 lb bbls fob wks lb	.22	: .24
Fur Stripping, 50 lb cans lb	.20	: .25
Hypophosphite, USP, 25 lb cans lb	.70	: .75

SODIUM (Cont.)

HYPOSULFITE, tech., pea crys		
375 lb bbls, wks 100 lb	2.65	: 3.05
Bbls., c-l wks		: 2.50
100 lb kegs, wks	2.80	: 2.90
Imp	2.75	: 3.00
Regular crys., bbls. wks 100 lb	2.40	: 2.65
Bbls., c-l wks	2.40	: 2.50
Kegs, wks	2.35	: 2.45
Imp	2.35	: 2.45
Iodide, USP, 25 lb jars	4.25	: 4.30
Metanilate, 150 lb bbls	.70	: .75
Molybdate 100 lb kgs		: 1.10
Naphthionate, 300 lb bbls lb	.55	: .57
Nitrate crude, 95% 200 lb kgs		
c-l NY		: 2.69
Feb. Shipment NY 100 lb		: 2.71
Double Refined 400 lb bbls		
gran. c-l wks		: .03½
Nitrite, 500 lb bblspot makers lb		: .09
Imp. 650 lb cases	.08½	: .08¾
Ortho-Chloro-Toluene Sulfonate		
175 lb bbls, wks lb	.25	: .27
Oxalate, neutral, 100 lb kegs lb	.20	: .23
Perborate, 275 lb bbls	.21	: .22
Imp. 225 lb drs	.21	: .22
Peroxide, 200 lb cases		: .27
Phosphate, di-sodium, tech., 550 lb bbls	3.55	: 3.90
USP, gran., 275 bbls lb	.07	: .07¼
Imp. gran	.04½	: .05¼
USP, Crystal, 275 bbls lb	.07½	: .08
Mono-sodium, 100 lb kegs lb	.30	: .31
Tri-sodium tech c-l bbls 100 lb		: 3.90
Picramate, 100 lb kegs lb		: .60
Para-Toluene Sulfonate 175 lb bbls	.08	: .09
PRUSSIAN, yellow, 350 lb bbls		
wks	.10	: .10½
Imp 50 lb cks	.10	: .10½
Pyrophosphate, 100 lb kegs lb	.24	: .26
Salicylate, 100 lb kegs lb		: .40
Second hands, USP, kegs lb	.30	: .40

SODIUM (Cont.)

Silicate, 40° turbid, tanks		
wks		: .75
55 gal. drums, wks 100 lb	.85	: 1.10
40° clear, tanks, wks 100 lb		: 1.10
55 gal. drs. wks	1.20	: 1.45
42° turbid tks., wks		: .80
55 gal. drs wks	.90	: 1.15
42° clear, tanks, wks 100 lb		: 1.25
55 gal. lrs., wks	1.35	: 1.75
Silicofluoride, 450 lb bbls NY lb	.04½	: .05
Stannate, 100 drums	.42½	: .43½
Sulphate, see Glauber's Salt		
Sulfate, Anhydrous, 550 lb bbls		
c-l wks	.03½	: .03¾
Imp., 250 lb bbls	.02	: .02¼
Sulfide, 60% solid, 650 lb drs.,		
lc-l wks		: .04¼
Dr., c-l wks		: .04
Imp., 700 lb drs NY lb		: .03½
60% broken, 650 lb drs. wks lb		: .04¼
Dr., c-l wks		: .04
30% crys., 440 lb bbls. wks lb	.02½	: .02¾
Imp., 400 lb bbls		: .02¼
Sulfite, cryst., 400 lb bbls wks lb	.03½	: .03¾
Anhydrous, 400 lb bbls lb	.09½	: .10
Sulfocarbolate, USP, 100 lb kegs lb	.32	: .34
Sulfoeyanide, 400 lb bbls lb	.40	: .45
Tungstate, cryst., 100 lb kegs lb	.80	: .82½
SOLVENT NAPHTHA, 110 gal.		
dr. wks	.40	: nom.
8,000 gal tnk crs wks gal	.35	: nom.
Sparten Sulfate, USP, 250 lbs blk oz		: .60
Single oz. vial		: .77
Spruce, 25% liquid tanks, wks lb	.01	: .01¼
bbls		: .01¾
Powd., 50% 100 lb bags wks lb	.02	: .02¼
Starch, rice, 140 lb bags	.09	: .10



COLUMBIA BRAND

Columbia Chemical Division,
Pittsburg Plate Glass Co., Barberton, Ohio

Caustic Soda

All Tests

Soda Ash

Dense-Light
Granular if Desired

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50 BROAD STREET
NEW YORKFIRST NAT'L BANK BLDG.
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Acetic—Nitric—Mixed.Lactic: Technical and Edible
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mercial and Iron Free.Ammonia and Potash Alums,
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Salt Cake—Strontium Nitrate
Anhydrous Sodium SulphateE. I. du Pont de Nemours & Co., Inc.
3500 Gray's Ferry Road, Philadelphia, Pa.
256 Vanderpool St., Newark, N. J.

Chemicals

STARCH, powd., 140 lb bgs c-100 lb	3.22	SULFUR				Tartar Emetic tech., 700 lb bbls	29
Bags 1c-1	3.32	Less c-1 bags NY	100 lb	2.05	2.35	USP, 300 lb bbls	31
Pearl, 140 lb bags	3.22	Roll, 500 lb bbls c-1 NY	100 lb	2.30	2.30	Tenilac 41, 100 lb drums	65
Bags 1c-1	3.22	Less c-1 bags NY	100 lb	2.35	2.60	Tenilac 69, 100 lb drums	4.80
Potato domestic, 200 lb bgs c-1 lb	.05 1/2	Flour, Heavy bags	100 lb	2.70	2.95	Terpin Hydrate, USP, 100 lb kegs	45
Imported bags duty paid	.05 1/2	Light 100% bags	100 lb	2.80	3.05	Terpinol, C. P. 1000 lb drums	38
Wheat, dom., thick bgs	.06 1/2	Rubbermakers 100%	240 lb			Cans, 50 lb	42
Thin, bgs	.09 1/2	bbls, NY	100 lb	3.05	3.30	Imported, cans 25 lb	43
Sol. Potato	.07	Commercial, 99% c-1 150 lb bgs				Terpinyl Acetate, 25 lb cans	1.65
STRONTIUM Bromide, USP, 50 lb		NY	100 lb		1.40	Terra Alba, No 1, 300 lb bbls	1.85
kegs	.51	For Dusting, c-1 99% 100 lb			2.05	Tetralene, 50 gal drs. wks	.20
Carb. N.F. 600 lb bbls wks	.30	bgs NY	100 lb			Theobromine Alk., 5 lb cans	3.60
100 lb kegs, wks	.08	Flowers, 100% 155 lb bbls			3.35	Sod., Salicylate, 1 lb bot	2.92
Iodide, USP, 25 lb jars	4.00	NY	100 lb		3.35	Thiocarbamid, 170 lb bbls	.24
Nitrate, 600 lb bbls NY	.08	Precipitated, 125 lb bbls NY	.15	.17		Thymol, USP, 25 lb tins	3.90
Imported, bbls NY	.08	Lac., 125 lb bbls NY		.10		Iodide kegs	6.75
Salicylate, USP, 100 lb kegs	.75	Sulfur Chloride, red, 700 lb drs.		.05	.05 1/2	TIN, metal, Straits, NY	6.75
STRYCHNINE Alkaloid, USP, crys.		150 lb chys wks		.06 1/2		99% American NY	.62
100 oz. tins	.61	Yellow, 700 lb drs wks		.03 1/2	.04 1/2	Bichloride, 50% soln. 100 lb	
Japanese cans	.75	Sulfur Dioxide, 100 lb cyl		.08	.09	bbls wks	.17
Alk., powd., USP	.51	Iodide, USP, VIII, 5 lb bot			4.55	Crystals, 500 lb bbls wks	.41 1/2
Acetate	.55	Sulfuryl Chloride, 600 lb drs	.65	.70		100 lb kegs wks	.42
Glycerophosphate, USP	.55	Sumac, extract, liquid 450 lb bbls	.05	.06		Iodide 5 lb boxes	.07 1/2
Hydrobromide	.55	C. F. 450 lb bbls		.10 1/2		Oxide 300 lb bbls wks	.64
Hydrochloride	.55	Stainless, 600 lb bbls	.11	.11 1/2		100 lb kegs wks	.66
Hypophosphate	.55	Sumac, Sicily leaves 100 lb bagston	130.00	nom.		Recovered bbls	.58
Nitrate, USP	.55	Ground Shipment	95.00	100.00		Tetrachloride, 100 lb drs wks	.34 1/2
Phosphate	.55	Virginia, 150 lb bags	55.00	60.00		Titanium Oxide bbls, wks	.13
Sulfate, USP, crys. powd.	.42	ITALC, Italian 220 lb bags NY	40.00	50.00		Tolidine, 350 lb bbls	.90
Saccharinate	1.15	Refined, white bags	50.00	55.00		Sulfate, 350 lb bbls	.80
Strychnine preparations quoted bases		French, 220 lb bgs NY	30.00	35.00		Toluene, 8000 gal tank cars wks gal	.35
100 oz lots in 100 oz tins. Small sizes		Refined, white bags	38.00	45.00		110 gal drs wks	.40
1/2 oz vials, 50c extra; 1/4 oz vials, 25c		Dom., crude, 100 lb bags NY	12.00	15.00		Nitration, Tank cars, wks gal	.37
extra; single ounce vials, 7c extra. Lots		Refined 100 lb bags NY	16.00	18.00		Drums wks	.42
of 25 ozs. 5c higher than above schedule.		Tankage, ground NY	4.40	4.10		Non-corrosive, Tank cars, wks gal	.36
Lots of less than 25 ozs. 10c higher per		High grade f.o.b. Chicago	3.25	4.10		Drums, wks	.41
ounce.		So. Am. c.i.f.	4.15	4.05		Toluidine, Mixed, 900 lb drs, wks lb	.31
Sugar Coloring (See Caramel)		Tapioca Flour, high grade bgs	.04 1/2	.05		Toner Lithol Red bbls	.85
Sugar Milk, USP, 200 lb bbls	.20	Medium grade, bags	.03 1/2	.04		Para Red bbls	.90
Second Hands, USP, bbls	.18	Low grade, bags	.03	.03 1/2		Toluidine	1.75
Sulfonal, see Sulfonmethane		Tar Coke Oven, Tks., wks	.07	.08		Triacetin, 50 gal drs wks	.35
Sulfonethymethane, USP, 10 bxs lb	3.85	Water Gas, Tks., wks	.08	.08		Tribromphenol, 100 lb cases	1.10
Sulfonmethane, USP, 10 lb bxs lb	2.65	Retort	15.50	15.50		Trional, see Sulfonethymethane	
Crude, f.o.b. mines	17.00	Tar, Kiln-burnt	15.50	15.50		Triphenylcyanidine	.69
Brimstone, 250 lb bags c-1 100 lb	1.95					Triphenyl Phosphate, 450 lb bbls	.75

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Chemicals

Tripoli, 500 lb bbls	100 lb	2.50	3.00
Tungsten, NY	WO unit	12.00	13.00
Turkey Red Oil, bbls single	lb	.11	.12
double	lb	.16	.18
Turpentine Spirits bbls	gal	1.01	1.05
Wood steam Dist., bbls	gal	1.01	1.05
Ultramarine Blue	lb	.15	.25
UREA, pure 112 lb cases	lb	.18	.20
Valencia Caps, 30-31% tan	ton		34.00
Board 42% tan, bags	ton	55.00	
Mixture, 36% tan bags	ton		39.00
VANILLIN, USP, 500 oz cans	oz		.49
Cans, 80 ozs	ozs		.50
Cans, 16 ozs	ozs		.51
Second Hands	ozs	.47	.49
Venetian Red	lb		.60
Vermilion, Amer., 100 lb kegs	lb	.35	.40
English, kegs	lb	1.40	1.45
Veratrine Sulfate, 1 oz vial	oz		1.85
Hydrochloride, 1 oz vial	oz		1.35
Veronal, see Acid Diethylbarbituric			
Vulcone, 250 lb bbls, wks	lb	.74	.77
Wattle Bark, bags	ton	40.75	41.00
Extract 55% dhie bgs ex-dock	lb		.054
WHITE LEAD, see lead, white			
White Precipitate, see mercury			
Whiting, 200 lb bags c-1 wks	100 lb		1.25
Alba bags NY c-1	ton		13.00
Gilders, bags NY c-1	100 lb		1.35
French, bags NY c-1	ton	14.50	19.00
English, bags NY c-1	ton	21.00	22.00
Paris white bags c-1	100 lb	1.00	1.
Witch Hazel Extract, 50 gal bbls gal	1.05	1.10	
110 gal drs NY	gal	.70	nom.
XYLENE, 3° dist. range nitration			
5° dist. range, 8000 gal tanks			
wks	gal	.60	nom.
110 gal drs wks	gal	.60	nom.
10° dist range drms, wks gal	gal	.55	nom.
Tanks wks	gal	.50	nom.
Com'l 110 gal drs wks gal	gal	.41	nom.
Tanks wks	gal	.36	nom.
Xylidine crude	lb		.37
Refined	lb	.40	.42

YARA YARA, 1 lb tins	lb	1.05	1.30
Yohimbin Hydchloride, 1 oz vial	oz	3.15	4.00
Resale	oz	2.75	3.00
Yolk Oil bbls	lb		.85
ZINC METAL, high grade, slabs			
c-1 NY	100 lb	8.40	8.50
Ammonium Chloride, powd., 400 lb			
bbls	lb		.064
Carb., tech bbls NY	lb	.09%	.10
USP, 100 lb kegs	lb		.20
Chloride, fused, 600 lb drs wks	lb		.074
Drs. c-1 wks	lb		.06
Granulated, 500 lb bbls wks	lb	.06%	.08
Imported dr NY	lb	.064	.07
Solution, 50% tanks wks	100 lb		3.00
USP, 25 lb jars cont. ex	lb	.27	.29
Cyanide, 100 lb drs	lb	.40	.41
Dust, 100 lb drs wks	lb		.10
500 lb bbls kegs c-1 wks	lb		.09
500 lb bbls kegs lc-1 wks	lb		.091
Iodide, 5 lb bots	lb		5.22
Nitrate, 25 lb jars	lb		.45
Oxide, Amer., Bags wks	lb	.074	.07%
Amer 300 lb bbls wks	lb	.07%	.07%
French, 300 lb bbls wks	lb	.104	.124
Bbl c-1 wks	lb	.104	.124
Bags c-1 wks	lb	.104	.124
USP, 100 lb bbls c-1	lb		.14
10-25 bbl lots	lb		.15
5 bbl lots	lb		.16
1 bbl lots	lb		.17
Imported, white seal, bbls	lb	.12	.134
Green seal, bbls	lb	.114	.12
Red seal, bbls	lb	.104	.11
Stearate, USP, 50 lb bbls	lb	.214	.24
Second hands	lb	.20	.21
Sulfate, 400 lb bbls wks	lb	.034	.034
Bbls c-1 wks	lb		.03
USP 100 lb bbls	lb	.08	.09
Sulfide, 500 lb bbls	lb	.30	.32
Sulfocarbonate, 100 lb kegs	lb	.30	.32
Zincium, oxide, pure	lb	.45	.50
Semi-refined, bags	lb	.08	.10
Natural, bags	lb	.024	.03

Oils - Fats

Castor, No. 1, 400 lb bbls	lb	.14	.144
80 lb cases	lb	.15	.154
No. 3	lb	.134	.14
Blown, 400 lb bbls	lb		.18
China Wood, spot NY	lb	.124	.13
Tanks Spot, NY	lb	.114	.12
Coast tanks	lb	.11	.114
Coconut Ceylon, 375 bbls NY	lb	.11	.114
8,000 gal tanks NY	lb	.10	.104
Cochin, 375 lb bbls NY	lb	.114	.12
Tanks NY	lb		.104
Manila bbls NY	lb	.104	.11
Tanks, Pacific Coast	lb		.094
Edible bbls NY	lb	.134	.14
Cod Newfoundland, 50 gal bbls gal	gal	.63	.65
Tanks, NY	gal		.60
Cod Liver, see Cod Liver Oil under Chemicals			
Copra, bags	lb	.06	.064
Corn, ref., 375 lb bbls NY	lb	.13	.134
Tanks	lb	.12	.124
Crude tanks mills	lb		.094
Bbls NY	lb	.12	.124
Feb-Sept	lb	.11	.114
Cottonseed crude tis., mill	lb		.10
PSY 100 bbls NY spot	lb		.112
White 100 bbls lots NY	lb		
Winter yellow, 100 bbls NY	lb	.13	.134
Degras, Amer, 50 gal bbls NY	lb	.044	.044
English, light bbls NY	lb	.054	.054
Brown, bbls NY	lb	.044	.044
Light brown, bbls NY	lb	.044	.044
Dark, bbls, NY	lb	.034	.04
Neutral, bbls NY	lb	.074	.12
Moellon, bbls, NY	gal		.50
Greases choice white bbls NY	lb	.114	.114
Yellow	lb		.09
House	lb		.084
Brown	lb		.084

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Oils - Fats

Herring, Tanks, Coast	gal	.40	nom.
Horse, 375 lb bbls NY	lb	.10	nom.
Lard, prime steam, bbls	lb	.17%	.17%
Compounds, bbls	lb	.14%	.14%
LARD OIL, edible prime	lb	.17%	
Off prime bbls	lb	.15	
Extra bbls	lb	.14%	
Extra, No. 1 bbls	lb	.13%	
No. 1, bbls	lb	.13%	
No. 2, bbls	lb	.13	
LINSEED, raw c-1 bbls spot	lb	.113	
Five bbls raw	lb	.117	
Tanks, raw	lb	.105	
Bottled, 5 bbl lots wks	lb	.12	
Double bottled 5 bbl	lb	.122	
Feb-April c-1 wks	lb	.113	
May-Aug c-1 wks	lb	.113	
Imported bbls, NY	gal		
Tanks, NY	gal		
Menhaden, crude tanks, Balt	gal	.55	nom.
Light pressed, bbls NY	gal	.70	.72
Yellow, bleached bbls NY	gal	.73	.75
Extra bleached bbls NY	gal	.75	.77
Blown, bbls, NY	lb		.10%
Neatsfoot 20° ct bbls NY	lb	.22%	
Pure bbls NY	lb	.17%	
Extra bbls NY	lb	.13%	
No. 1, bbls NY	lb	.13%	
C.P. bbls NY	lb	.22%	
Oleo Oils No. 1, bbls NY	lb	.13	
No. 2, bbls NY	lb	.11%	
No. 3, bbls NY	lb	.11	
OLIVE denatured bbls, NY	gal	1.20	1.25
Edible, bbls, NY	gal	2.00	2.80
Foots bbls NY	lb	.08%	.08%
Shipment	lb	.08%	.09
Palm Lagos, 1500 lb casks	lb	.08%	.09
Niger casks	lb	.07%	.08%
Bonny old Calabar, casks	lb		nom.
Palm Kernel bbl NY	lb	.10%	
Casks	lb	.09%	

Peanut refined bbls NY	lb	.15	nom.
Crude, mills buyers' tks	lb	.10	
Crude, bbls, NY	lb	.11	
Perilla, bbls NY	lb	.15%	
Poppyseed, bbls NY	gal	1.85	2.00
Rapeseed, bbls NY	gal	.86	.90
Blown bbls NY	gal	1.14	1.15
Red Oil, distilled bbls	lb	.10%	.11%
Tanks	lb	.10	
Saponified, bbls	lb	.11%	.11%
Tanks	lb	.10%	
Salmon, 8000 gal. tks. Coast	gal	.50	nom.
Sardine, Tanks, Pacific Coast	gal	.57	
Sesame, edible, yellow bbls	lb	.13%	.14
White	lb	.14%	.15
Sod Oil, bbls, NY	gal	.40	
SOYA BEAN, crude tks, Pacific Coast	lb	.10%	.10%
Crude, tks NY	lb	.13%	nom.
Crude, bbls NY	lb	.13%	
Refined, bbls NY	lb	.14%	.14%
Sperm, 38° c.t. blehd. bbls NYgal	lb	.87	.89
45° cold test, blehd., bbls NYgal	lb	.84	.86
STEARIC ACID,			
Double pressed, bags distilled	lb	.15%	.15%
Double pressed, bgs saponified	lb	.15%	.15%
Triple pressed, bgs., distilled	lb	.17%	.18
Triple pressed, bgs, saponified	lb	.17%	.18
Stearine oleo, bbls	lb	.12	
Tallow edible, tierces	lb	.10%	.11
City Extra loose	lb		.00%
Tallow Oil, acidless tks, NY	lb	.11%	
Bbls c-1 NY	lb	.12%	
Walnut, crude bbls NY	lb		
Whale, nat winter bbls, NY	gal	.78	.78
Blehd winter bbls, NY	gal	.78	.80
Extra Bleh, bbls, NY	gal	.80	.82
Crude No 1, tanks coast	gal		
Crude No. 2, tanks coast	gal		
Crude No. 3 tanks coast	gal		

Crude Drugs

Accrodes Gum, red, sea Yacca			
ACONITE LEAVES, bales	lb	.09	.10
Root, USP, bags	lb	.25	.29
Agar Agar, 1, 200 lb bbls	lb	1.30	1.40
No. 2, bales	lb	1.30	nom.
No. 3, bales	lb	1.10	1.20
Shipment	lb		.80
Agaric white, cases	lb	.90	.95
Granulated, boxes	lb	1.25	1.50
Almonds, bitter, boxes	lb	.55	.60
Sweet, boxes	lb	.65	.70
Meal, barrels, boxes	lb	.24	.26
Aletris Root, bags	lb	.42	.43
Alkanet Root, bag	lb	.08%	.10
Aloes, Barbadoes, 120 lb bbls	lb		1.25
Cape, 400 lb cases	lb	.11	.15
Curacao, 100 lb cases	lb	.12	.16
Socotrine whole, 300 lb cs	lb		.33
Althea Root Cut cs	lb	.48	.50
Grd. & Pwd. bgs	lb	.50	.55
Ambergris, black boxes	oz	18.00	20.00
Grey, boxes	oz	30.00	35.00
Ammoniac, tears, bags	lb	.75	.80
Angelica Root, tom. bags	lb	.16	.17
Angustura Bark, bags	lb	.15	.20
Anise, Levant, bags	lb	.14%	.15
Russian bags	lb		.13%
Star Case	lb	.15	.16
Spanish bags	lb	.13%	.14%
Annatto Seed, 200 lb bags	lb	.15	.18
ARABIC GUM,			
White, No. 1, 200 lb bags	lb	.24	.25
Seconds, 250 lb bags	lb	.23	.28
Sorts, Amber 200 bags bbl	lb	.13	.13%
Powd., USP, 300 lb bbls	lb	.19	.22
Areca Nuts 150 lb bags	lb	.18	.20
Powd., 200 lb bbls	lb	.22	.24
Arnica Flowers, bales	lb	.13	.14
Root, bags	lb		nom.

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Arrowroot, Amer. Powd. 80lb	lb	1.10	Burdock Root, bags	lb	.09	.10	Cassia Batavia, No. 3 bales	lb	.09%	.10
St. Vincent Powd. bbls	lb	1.13	Burgundy Pitch dom 110 stands	lb	.11	.12	China, Select rolls cases	lb	.08%	.08%
Asafetida, USP, 250 lb cases	lb	.28%	Gross for net	lb	.08	.08%	Broken, bales	lb	.08%	.08%
Powd., 50 lb bbs	lb	.45	Imported	lb	.11	.12	Saigon, Cut thin	lb	.27%	.28
SALM GILEAD BUDS, bags	lb	.40	Atabar Beans bags	lb	.65		Buds, cases	lb	.23%	.24
SALMONS Herbs, bales	lb	.44	Calamus Root, bleached, cases	lb	.45	.50	Cassia Fistula, baskets	lb	.07	.09
SALSAMS			Unbleached bags	lb	.06%	.07	Castile Soap, USP, powd., 200 lb	lb	.20	.22
Copaiba, Para 80 lb cs	lb	.37	Calendula Petals Imp bales	lb	.80	.90	Powd., USP, 200 lb bbls	lb	.30	.33
South American 80 lb cs	lb	.42	Camphor, see Chemicals	lb	.65		Castor Beans, bags	lb	.03	.03%
Flr Canada, case	gal	1.00	Canary Seed, Morocco, bags	lb	.07%	.08	Castor Beans, case	lb	.23	.24
Oregon bbls cases	gal	.95	Spanish bags	lb	.08%	.08%	Castor Oil, case	lb	.11	.12
Peru, 120 lb cases	lb	1.25	South American, bags	lb	.05%	.06%	Celery Seed bales	lb	.22%	.23
Tolu, 120 lb cases	lb	1.25	Dutch bags	lb	.06	.06%	Ceroid Wax, white bags	lb	.13	.30
Ranunc Root bags	lb	.17	anacardium Wax, bags	lb	.36	.38	Yellow 200 lb bags	lb	.10	.12
Raspberry Bark, true bales	lb	.24	anacardium Alth. Bark, bales	lb	.42	.45	Imp., 100 lb bags	lb	.28	.38
Root, bags	lb	.24	Camphor, true Imp., bags	lb	.22	.25	CHAMOMILE FLOWERS, Roman	lb	.30	.35
Bayberry Bark, bales	lb	.21	American (too assay) bales	lb	.35	.40	Hung., cases bales	lb	.19	.25
Wax bbls	lb	.24	USP	lb	.74	.80	Charcoal, Willow powd bbls	lb	.04	.04%
Selladonna Leaves, bales	lb	.16	anthracis, Chinese case	lb	1.00	1.15	Wood powd. bbls	lb	.04	.05
Root bags	lb	.60	Powdered bags	lb	.60	.65	Chestnut Bark, bags	lb	.07	.08
Bees Wax, white cases	lb	.47	Russian, case	lb	.75	.80	Herb, bales	lb	.06	.06%
Yellow, refined cases	lb	.42	Powdered boxes	lb	.07%	.08	Chile Gum, 100 lbs	lb	.75	.80
Crude bags	lb	1.10	Caraway Seed, African, bags	lb	.06%	.07	Chiretta bales	lb	.07	.10
Benzoin Gum, Siam, boxes	lb	.26	Dutch, 11 lb bags	lb	2.50	nom.	Cinchona Bark, red quill bales	lb	.75	.80
Sumatra 80 lb boxes	lb	.11%	Cardamom, bleached cases	lb	2.00	2.20	20 inch	lb	.65	.70
Berberis Aquifolium Root, bags	lb	.22	Decorticated cases	lb	1.35	1.45	10 inch	lb	.25	.49
Root, bags	lb	.39	Green, grinding bags	lb	.50	nom.	Brown cases red	lb	.24	.25
Blackhaw Bark, root bales	lb	.15	arnauha Wax, Flor., bags	lb	.47	.49	Yellow	lb	.50	.51
Tree, bales	lb	.40	Powd.	lb	.43	.44	Cinnamon, Ceylon Mol., bales	lb	.48	.49
Black Indian Root, 100 lb bags	lb	.12	No. 1, Yellow bags	lb	nom.		No. 2, bales	lb	.47	.48
Blood Root, bags	lb	.25	No. 2, regular bags	lb	.36	.38	No. 3, bales	lb	1.35	1.50
cinchona Root, bags	lb	.19	No. 2, N Country bags	lb	.36	.38	Civet, Abyssin horns	lb	.16	.17
Soldo Leaves, bales	lb	.08	No. 3, N Country bags	lb	.70	.72	Clover Tops bags	lb	.26	.26%
Bonsett Herb, bales	lb	.09	So-called bales	lb	.18	.20	Cloves, Zanzibar 145 lb bales	lb	.40	.41
Leaves, bales	lb	.17	Cassia Batavia, No. 1, bales	lb	.15	.18	Ambergus, bales	lb	.65	.67
Borage Flowers, bales	lb	.11	Cascara Sagrada, bales	lb	.13%	.14	Penang, bales	lb	.67	.68
Bryonia Root, bags	lb	.54	1923 bark	lb	.12	1.25	Cochineal, Black	lb	.67	.68
CHOND LEAVES, short, 350 lb	lb	.80	1924 bark	lb	.13%	.14	Silver	lb	.08	.09
bales	lb	.65	1925 bark	lb	.12	1.25	Trullillo, bags	lb	.08%	.10
Less bales	lb	.11	Cascarilla Bark, quills, bales	lb	.10%	.11	Cobosh Root, Black bags	lb	.06%	.07
Long bales	lb	.06	Shortstick, bales	lb	.09%	.10	Rive, bags	lb	.17	.19
Buckbean Leaves, bales	lb	.08					Colechium Root, bags	lb	.35	.40
Buckthorn Bark, bags	lb	.60					Seed, bags			
Berries	lb						Colecyth, Pulp USP., bales			



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HAMBURG**GERMANY**

Crude Drugs

Coltsfoot Leaves, bags11	.14	Elecampane Root, bags08	.08 1/2	Guarana, tins cases65	.68
Comfrey Root, bags .....	.13	.14	Elder Flowers, bags .....	.10	.10 1/2	GUM, see Arabic Gum, etc.		
Lenduranga Bark, bags .....	.12 1/2	.13	Elemi Gum, 85 lb cases .....	.25	.26	HELLEBORE ROOT,		
Conium Herb, bags .....	.11	.12	Elm bark, select 5 lb bundles cases .....	.24	.26	Black, bbls .....	.06	.07
Seed, bags .....	.10	.11	Grinding, bags .....	.14 1/2	.16	Powdered .....	.13	.15
Copaiba Balsam (rare) see Balsams			Powdered, bbls .....	.22	.28	White, 250 lb bbls .....	.09	.10
Copal Gum .....	.12	.13	ERGOT 150 lb 200 lb bags .....	.74	.80	Powdered .....	.12	.15
Coriander Seed, Bombay, bags .....	.06	.06 1/2	Eucalyptus Leaves, bales .....	.05	.06	Hellonias Root, (unclean false)		
Morocco, bags .....	.04 1/2	.05 1/2	Euphorbia Pilulifera Herb., bags .....	.08	.09	bag .....	.62	.65
Bleached bags .....	.08	.08 1/2	Euphorbium Gum, cases .....	.23	.27	Hemp Seed, Bags .....	.04 1/2	.05
Corn Silk bales .....	.05 1/2	.06	Powdered roses .....	.32	.30	Hembane Leaves, bales USP, .....	.26	.27
Cotton Root Bark, bales .....	.13 1/2	.14 1/2	Fennel Seed, French, bags .....	.08 1/2	.09	No. assay .....	.24	.26
Cowhage, oz. tins	1.50		German bags .....	.12 1/2	.14	Henna Leaves, bales .....	.08 1/2	.10
Camp Bark, so called cases .....	.06 1/2	.07	Indian bags			Powdered .....	.11	.13
True, bags .....	.30	.32	Penugreek Seed, 200 lb bags .....	.04 1/2	.05 1/2	Honey, Calif., 120 lb cases .....	.11	.17
Crapestraw Root, bags .....	.09	.10	Fish Berries, 100-125 lb bags .....	.06	.07 1/2	Hops, NY prime bales .....	.28	.30
CUBE BERRIES, XX bags .....	.58	.60	Flax Seed, whole 180 lb bbls	14.75		Pacific Coast prime bales .....	.25	.27
Powdered, bxs .....	.65	.68	Ground, 180 lb bbls .....	.08	.08 1/2	Horhound Herb, bales .....	.08 1/2	.09
Culvers Root, bags .....	.18	.20	Fringe Tree Bark, bags .....		.23	Horse Nettle, Berries, bag .....	.35	.55
Cumin Seed, bags .....	.11 1/2	.12	Fungating Fertilizer Black, 1 lb boxes .....	.40	.42	Horsetail Rush bags .....		.15
Malta bags .....	.11 1/2	.12	Red. 1 lb boxes .....	.45	.50	Hydrangea Root, bales .....	.09	.10
Morocco bags .....	.10 1/2	.11	GALANGAL ROOT, bags .....	.09	.10	India Gum, see Karaya		
Cutichen Bone, Trieste, straps .....	.12 1/2	.13	Galbanum Gum, cases	1.35		INSECT FLOWERS, open whole		
Jewelry large, straps .....		.50	Gambler Gum, bbs .....		.10 1/2	Bales .....	.17	.21
Small, straps .....		.35	Gentiana Gum, 100 lb cases	1.10	1.20	Powdered .....	.24	.25
French straps .....	.12 1/2	.15	Powdered cases .....	.09	.10	Closed, whole bales .....	.24	.25
Conchoidal, bales .....	.02	.03	Gelsemium Root, bgs .....	.07 1/2	.08	Powdered pure 200 lb bbls .....	.28	.30
Straws, boxes .....		.07	Gentian Root, bags .....	.11	.12	Ipecac Root, Cartagena bags	3.30	3.35
Damar Gum, Batavia, 136 lb cs .....	.28	.28 1/2	Ground, bbls, boxes .....	.11	.12	Powdered 200 lb bbls bxs		3.65
Singapore No 1 cs .....	.39	.40	Powdered, boxes .....	.11	.12	Rio Whole, bags	3.25	3.30
Damiana Leaves, bales	nom		Ginger African bags .....	.14 1/2	.14 1/2	Powdered 200 lb bbls bxs	3.60	3.65
Dandelion Root, Imp., bags .....	.17	.18	Jamaica grinding bags bbls .....	.17 1/2	.18	Isinglass American, 130 lb cs .....	.80	.90
Deer Tongue Leaves bales .....	.25	.35	Japan, bags .....	.20	.21	Assian (Beluga) bxs. ctms	4.00	4.50
Digitalis Leaves, bales .....	.25	.30	Cochin, ABC & Lemon bgs .....	.16 1/2	.17	JABORANDI LEAVES, bales .....	.09	.10
Pill Seed, bags .....	.06	.07	Chinese Root cultivated, bags	8.00	10.00	Jalap Root, whole 150 lb bags .....	.25	.30
Cleaned bags	10	nom	Northwestern Wild, bags	13.00	14.00	Powdered, USP, 250 lb bbls .....	.32	.36
Dogwood Bark, Jamaica bags .....	.10	.11	Southwestern Wild bags	8.50	10.00	Japan Wax, 224 lb cs .....	.17 1/2	.18
America: oak .....	.07		Golden Seal Root bags	4.85	5.25	John's Tears, White, bags .....	.12	.13
Doggrass Root, USP, cut bags .....	.11	.12	Powdered boxes	5.45	5.50	Juniper Berries, 125 lb bags .....	.05 1/2	.06 1/2
Dragon's Blood, mass cases .....	.70	.75	Herb bbs		1.25	Sifted bags .....		.06
Reeds, boxes .....	.95	1.00	Grains of Paradise, bags .....	.14	.15	KANALA USP, boxes .....	.92	.95
ECHINACEA, Root bags30	.33	Grindella Robusta Herb bales05	Karava Gum, powdered, bbls10	.25
			Guaiac Gum, 80 lb cases powd40	.50			

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PRICES CURRENT SEP. 1919

Crude Drugs

Kauri Gum No. 168	: .70	Marjoram Leaves, French, bales	.46	: .47	Opium, Powdered, USP, cases	13.00	: 14.00
Kava Kava Root bags .....	.16	: .17	Chilian, bales .....	.36	: .37	Orange Flowers, cases .....	.35	: 1.25
Kino Gum, black cases .....	.50	: .55	Mastic Gum, 120 lb cans .....	.50	: .51	Peel, bitter, bags .....	.07	: .08
Kola Nuts, 150 lb bags .....	.05½	: .06	Matico Leaves, bales .....	.45	: .48	Sweet bags .....	.11	: .11½
Koumso Flowers, bales .....	.50	: 1.25	Mexereon Bark, bags .....	.11	: .12	SHRIS ROOT, Florentine bold bags	.09	: .10
LADY SLIPPER ROOT, bags .....	.45	: .50	Millet Seed, dom., yellow bags	.08½	: .04	Powdered 200 lb bbls.	.12	: .18
Larkspur Seed, bags	1.90	: 2.10	Montan Wax, crude bags .....	.07	: .08	Verona, bags .....	.09	: .10
Laurel Berries bags .....	.08	: .09	Bleached bags .....	.25	: .30	Powdered 200 lb bbls	.11	: .12
Leaves, Greek bags .....	.04½	: .05	Moss, Iceland, bales .....	.08	: .08½	Fingers, cans .....	.60	: .65
Italian bales .....	.04½	: .05	Irish, bleached, bales .....	.12	: .13	Onokerite Wax, brown hard bags	.24	: .25
American, bales .....	.25	: .35	Mullein Flowers, tins .....	.85	: .90	Green, hard bags .....	.30	: .31
Lavender Flowers, ordinary .....	.28	: .30	Musk, pods, carbadine, tins	16.00	: 17.00	Refined, yellow, bags .....	...	: .37
Selected .....	.40	: .45	Tonguin tins	24.00	: 26.00	PAPRIKA, bags .....	.21	: .26
Leeches tube	3.00	: 3.25	Grain Cab tins	25.00	: 26.00	Fareira Brava Root, bags .....	.11	: .13
Lemon Peel, bags .....	.07½	: .08	Tonguin tins	36.00	: 44.00	Parsley Seed, bags .....	.15	: .17
Licorice Root, Russian whole bbls	.12	: .13	Synthetic, see Chemicals			Patchouli, Leaves bales .....	.19	: .20
Spanish, natural bales .....	.05½	: .07	Musk Root, Russian bags .....	.78	: .85	Pellitory Root, bales .....	.15	: .16
Powdered, bbls .....	.08½	: .10½	Mustard Seed Bari brown bags	.12	: nom.	Pennyroyal .....	.08	: .09
Selected, 2 & 5 lb bundles .....	.13	: .16	Bombay, brown bags .....	.07½	: .08	Pepper black, Sing. bags .....	...
Cuttings 125 lb bags .....	.06	: .07	California, brown bags .....	.10	: .10½	White bags .....	.36	: .37
Turkish, 150 lb bales .....	.05	: .06	Tellow bags .....	...	: .11½	Aleppy, bags .....	.31½	: .32
'Ame Juice, clarified bbls .....	.60	: .65	Chinese, yellow bags .....	.05½	: .06½	Lempong bags .....	.31	: .31½
Linden Flowers with leaves, bales	.12	: .15	English, Yellow bags .....	.12½	: .13½	Tellecherry, bags .....	.32½	: .33
Without Leaves, bales .....	.20	: .25	Dutch, yellow bags .....	.11¾	: .12¾	Muntok, bags .....	.36½	: .37
Lobelia Herb, bales .....	.37	: .40	Danish, yellow bags .....	.08½	: .09	Red Chillies Japan No 1 bags	.15	: .16
Seed, bags .....	.60	: .70	Myrrh Gum, select, 200 lb cs	.24	: .27	Mombasa, bags .....	.10	: .10½
Lovage Root, Imported bags .....	.18	: .25	Soris, cases .....	.20	: .24	Capsicum, Bombay, bags .....	.10½	: .10¾
Lupulin, N.F. tins	1.70	: 1.75	NUTGALLS, Chinese, bags .....	.17	: .18	Peppermint leaves, imp., bales	...	: .50
Hands, No. 1 cases	1.00	: 1.05	Aleppy bags .....	.25	: nom.	Domestic .....	.24	: .40
Lycopodium, 88 lb cs .....	.90	: .95	Powd. bags .....	.23	: .24	Herb bis .....	.18	: .20
MACE, Slaw, No 1	1.00	: 1.02	Nutmegs, 110s cases .....	.50	: .51	Peru Balsam, see Balsams		
Randa, No 1, cases	1.10	: nom.	75s, 80s, cases .....	.53	: .53½	Pichi Leaves, bags .....	.16	: .18
Ratavia, No. 2 cases .....	.86	: .88½	Grinding, bags .....	.51	: .52	Pimento Select, bags .....	.16½	: .16¾
West India, cases .....	.93	: .94	Nur-Vomica Buttons, bags .....	.65	: .66	Pink root, true bags .....	.62	: .67
Malva Flowers, blue bales .....	.40	: .45	Powdered, 200 lb bbls .....	.07½	: .10	Pitch, Burgundy, see Burgundy Pitch		
Black, bales .....	.60	: nom.	OAK BARK, red bags .....	.04½	: .05½	Plantain Leaves, bales .....	...	: .12
Manaca Root, bales .....	.16	: .20	White, bags .....	.06	: .07	Pleurisy Root, bags .....	.19	: .20
Manna, large flake cases .....	.60	: .62	Oilbanum Gum, Sift 280 lb cases	.10½	: .12	Poke Berries, bags .....	.15	: .17
Small flake cases .....	.44	: .48	Tears			Root, .....	.09	: .10
Sorts, cases .....	...	: .30	No. 1, all white 280 lb			Pomegranate Bark, of root bags	...	: .35
Mandrake Root, bags .....	.12	: .14	cases	.22	: .23	Of Fruit, bags .....	...	: .30
Marjoram Leaves, German bales .....	.48	: nom.	No 2, 280 lb cases .....	.17	: .18	Of Tree .....	.23	: .25
African, bales		No 3, 280 lb cs11	: .13	Poppy Flowers, red bags60	: .65
			Opium, gum, USP, cases	12.00	: 13.00	Head42	: .45
			Granular, cans	13.00	: 14.00			

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Crude Drugs

Poppy Seed, Dutch bags.....lb	.13 3/4	.15	Savory Leaves, bales.....lb	.09 1/4	.09 3/4	Spruce Gum, boxes.....lb	1.00	1.50
German bags.....lb	.09 3/4	.10	Saw Palmetto Berries bags.....lb	.25	.35	Squaw Vine, bales.....lb	.16 1/2	.19
Turkish bags.....lb	.08 3/4	.09 3/4	Scammony Resin, boxes.....lb	1.35	1.50	Squills, white.....lb	.95	.05 1/4
Blue Indian, bags.....lb	.10	.10 1/4	Root bags.....lb	.07 3/4	.08 1/4	Powdered bulk.....lb	.12	.15
White Indian bags.....lb	.07 3/4	.08	Senega Root, bags.....lb	.68	.70	Stavesacre Seed, bags.....lb	.27	.30
Prickly Ash Bark, Southern, bags.....lb	.13	.14	SENNA, Alex 150 lb cases.....lb	.22	.23	Sticklac, 250 lb bales.....lb	.30	.35
Northern bags.....lb	.16	.18	Half Leaf, 150 lb cases.....lb	.13	.15	Stillingia Root, bags.....lb	.11	.12
Berries bags.....lb	.70	.75	Siftings, 400 lb bales.....lb	.11	.12	Stone Root, bags.....lb	.09	.10
Prince's Pine, bales.....lb	.16	.17	Powdered, 200 lb bbls.....lb	.13	.14	St. Ignatius Beans, bags.....lb	.13	.14
Pulsatilla Herb, bags.....lb	.11	.12	Tinnevely, Bold, 350 lb bbls.....lb	.12 1/4	.14	St. John's Bread bags.....lb	nom	.07 1/4
Pumpkin Seed, bags.....lb	.17	.19	Medium Leaf bbls.....lb	.10	.11	Stramonium Leaves, bales.....lb	.12 1/2	.13
QUASSIA CHIPS, bags.....lb	.06 3/4	.07 1/4	Small Leaf.....lb	.07	.08	Seed bags.....lb	.08	.09
Quebracho, blk, 125 lb bbls.....lb	nom	.55	Powdered, 200 lb bbls.....lb	.10	.12	Strophanthus Seed, Hispidum.....lb	nom	nom
Queen of the Meadow Herb.....lb	nom	.07 1/4	Pods, 350 lb bales.....lb	.13	.17	Kombe bags.....lb	nom	nom
Root, bgs.....lb	nom	.08 1/4	Serpentaria Root, bags.....lb	.80	.85	Styrax, liquid artif.....lb	.35	.40
Quince Seed, bags.....lb	.75	.80	Shellac, D.C. bags.....lb	.70	.71	Gen. USF.....lb	.35	.45
Cape bz.....lb	.90	.95	V.S.O. bags.....lb	.70	.71	Sunflower Seed, domestic bags.....lb	.05 1/2	.06
RAPE SEED, South Amer. bags.....lb	.06 3/4	.07	Diamond L. bags.....lb	.70	.71	South American, bags.....lb	.05	.05 1/2
Dutch, bags.....lb	.06 3/4	.06 1/4	Superfine, Orange bags.....lb	.47	.48	TAGALDER BARK, bags.....lb	.05	.06
Japanese small bags.....lb	.07 1/4	.08	Fine, bags.....lb	.45	.46	Tamarinds, bbls.....lb	.06 1/2	.07
Raspberries, dried bbls.....lb	.56	.65	T.N. bags.....lb	.42	.43	Kegs.....per keg	3.75	3.80
Red Saunders, bags.....lb	.09 1/4	.09	Garnet, A. C.....lb	.44	.45	Tansy Herb, bales.....lb	.18	.19
Rhatany Root bags.....lb	.11	.12	Button bags.....lb	.72	.75	Tar, Barbadoes, 50 gal bbls.....lb	1.40	1.45
RHUBARB, Root H.D. cases.....lb	.35	.40	Bone Dry, bbls.....lb	.52	.55	Thus Gum, 280 lb bbls.....lb	.11 3/4	.13
Powd., bbls.....lb	.40	.42	Sideritis Herb, cut bags.....lb	.15	.18	Tilia, see Linden	nom	nom
Rosemary Leaves bales.....lb	.05 1/4	.10	Simaruba Bark, bales.....lb	.08	.09	Thyme, Spanish bales.....lb	.08 1/2	.09
Flowers, cases bales.....lb	.35	.40	Skullcap Leaves, Eastern bales.....lb	.42	.43	French, bales.....lb	.09	.10
Rose Petals pale.....lb	.24	.28	Western bales.....lb	.24	.26	Tolu Balsam, see Balsams	nom	nom
Red.....lb	1.75	2.25	Ekunk Cabbage Root, bales.....lb	.13	.16	Tonga Bark, bags.....lb	nom	nom
Rue Herb, bales.....lb	.18	.20	Snake Root, Canada, natural bags.....lb	.29	.32	Root bbls.....lb	nom	nom
SABADILLA SEED, bags.....lb	.21	.25	Stripped bags.....lb	.65	.70	Vine bbls.....lb	1.25	1.30
Powdered bbls.....lb	.26	.30	SOAP BARK, whole, 150-200 lb bales.....lb	.10	.12	Tonka Beans, Angostura, cases.....lb	2.00	2.10
Saffron Flowers, Amer Bales.....lb	.45	.60	Cut, 125-175 lb bags.....lb	.09	.09 1/4	Para, cases.....lb	nom	nom
Valencis, 1 lb cans.....lb	28.00	28.50	Crushed 200 lb bbls.....lb	nom	.11	Surinam, cases.....lb	.85	.90
Sage, Dalmatian bales.....lb	.05	.05 1/4	Powdered, bgs bbls.....lb	nom	.13	Tragacanth Gum, No. 1 ribbon 100 lb cs.....lb	1.65	1.70
Greek, bales.....lb	.02 1/2	.03 1/4	Pearmint Leaves, American bales.....lb	.24	.25	No. 2.....lb	1.35	1.55
Spanish, bales.....lb	.03	.03 1/4	Herb, bales.....lb	nom	.17	No. 3.....lb	1.30	1.40
Sandalwood, chips, bags.....lb	.14	.19	Spermaceti, blocks, cakes cases.....lb	.38	.42	Powdered, 50 lb boxes.....lb	.90	1.00
Ground, bags.....lb	.21	.24	Domestic.....lb	.42	.45	Turkish, cases.....lb	.45	.90
Sandarae Gum, 300 lb bbls.....lb	.36	.38	Spikenard Root, bags.....lb	.15	.17			
Sarsaparilla Root, Honduras, bales.....lb	.68	.70						
Mexican.....lb	nom	nom						
Caseasras Bark, ordinary bales.....lb	.15	.17						
Select, bales.....lb	.28	.29						



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Walter Buzzardi
President.

Essential Oils

Turmeric Root, Madras bags	..D	.08%	.09%
Aleppy bags	..D	.08%	.09%
Powdered	..D	.13	.14
China, bags	..D	.09	.09%
Turpentine, Venice true 80 lb cs	..D	.30	.35
Artificial, 80 lb cases	..D	.16	.17
Spirits, see Naval Stores			
UNICORN ROOT, false, see Helonia			
True, see Aletis			
Uva Ursi Leaves, bales	..D	.05	.05%
VALERIAN ROOT Belgian bags	..D	.35	.40
Vanilla Beans Mex., whole case	..D	5.50	10.00
Cuts, cases	..D	5.00	6.50
Bourbon, cases	..D	2.50	3.50
South American, cases	..D	3.50	4.50
Tahiti, yellow label cases	..D	..	2.50
Green Label, cases	..D	..	..
Vetiver Root, 100 lb bags	..D	.25	.26
Violet Flowers, bags	..D	.70	.72
Wahoo BARK, of root bags	..D	.70	.72
Of Tree, bags	..D	.30	.32
White Pine Bark, rosed, bags	..D	.07	.07%
White Poplar Bark, bags	..D	.06	.07
Wild Cherry Bark, thin green			
Rosed, bales	..D	.12	.13
Thick Rosed, bales	..D	.06%	.07
Thin Natural, bales	..D	.07%	.08
Thick Natural, bales	..D	.06%	.10
Willow bark, bags	..D	..	.07
White, bags	..D	..	.15
Witch Hazel Bark, bgs	..D	.07%	.09
Leaves, bales	..D	.08%	.09
Worm Seed, American bags	..D	.12	.14
Levant, bags	..D	3.25	3.50
Wormwood Herb, imported bales	..D	..	.10
Yacca Gum, red	..D	.04	.04%
Ground	..D	.05%	.06%
Yellow Root (Zanthoxis) bgs	..D	.16	.17
YELLOW DOCK ROOT, bags	..D	.10%	.11
Yellow Parilla Root, bags	..D	.16	.17
Yerba Mate bags	..D	.22	.30
Yerba santa, bags	..D	.09%	.10
Zedoary Root, bags	..D	.06	.08

Essential Oils

Almond, Bitter, USP, 5 lb bot	..D	3.00	3.25
Bitter fl PA 5 lb bots	..D	3.15	3.35
Sweet, 56 lb cans	..D	.95	1.00
Amber, crude 25 lb tins	..D	.50	.55
Rectified, 25 lb tins	..D	.75	.82
Angelica Root, 1 lb bot	..D	25.00	30.00
Anise Tech., 66 lb case	..D	.85	.68
USP, 60 lb cans	..D	.68	.72
Apricot, Kernel 50 lb cans	..D	.62%	.70
Bay, 25 lb tins	..D	2.15	2.25
Terpeness	..D	6.00	6.50
Bergamot, 25 lb coppers	..D	5.50	6.50
Terpeness	..D	10.00	14.00
Artificial, 25 lb cans	..D	2.00	4.00
Birch Tar, rect., 5 lb bot	..D	.50	.60
Crude, 50 lb tins	..D	.20	.25
Bois de Rose, tins	..D	3.25	3.75
Cade, 25 lb cans	..D	.26	.27
Cajuput native 50 lb tins	..D	.70	.75
Calamus, 5 lb bot	..D	3.75	4.00
Camphor, Sassy 1000 lb drs	..D	..	.14%
White 1000 lb drs	..D	.11%	.12
Cans, 50 lbs	..D	.14	.14%
Cananga, native, 25 tins	..D	2.60	2.70
Rectified, 25 lb tins	..D	3.10	3.20
Caraway, USP	..D	1.60	1.70
Cardamom, USP, 1 lb bot	..D	35.00	40.00
Carrot, 5 lb bot	..D	8.75	9.75
Cascarilla, USP, 1 lb bot	..D	50.00	52.00
CASSIA, 80-85% 400 lb drs	..D	2.60	2.75
Redistilled USP, 50 lb cans	..D	2.95	3.05
Cedar Leaf, 50 lb tins	..D	.90	1.00
Cedar Wood, light 1,000 lb drs	..D	.52	.55
Celery, 1 lb bot	..D	9.50	10.00
Chaulmoogra, 80 lb cases	..D	.85	.90
Cinnamon Ceylon, 1 lb bot	..D	10.50	11.00
Leaf, 5 lb bot	..D	1.40	1.50

CITRONELLA, Ceylon

1,000 lb drums	..D	.48	.50
50 lb tins	..D	.50	.51
Java, 400 lb drums	..D	.97	.90
50 lb tins	..D	.85	.90
Cloves, USP, 50 lb cans	..D	1.85	2.00
6 lb bot	..D	1.90	1.95
Copaiba	..D	.40	.45
Coriander, USP, 1 lb bot	..D	8.00	8.25
Croton, USP, 25 lb tins	..D	.90	1.00
Cubebs, USP, 5 lb bot	..D	4.40	4.50
Cumin, 1 lb bot	..D	10.50	11.00
Dill, 25 lb cans	..D	4.00	4.25
Erigeron 20 lb tins	..D	6.25	6.50
EUCALYPTUS, Austl. USP,			
56 lb cs	..D	.54	.56
500 lb drums	..D	.54	.56
Fennel, USP, 25 lb tins	..D	.80	.85
Geranium, African 25 lb cans	..D	4.00	4.10
Bourbon, 25 lb tins	..D	3.35	3.50
Turkish, 28 lb tins	..D	3.25	3.50
Ginger, 1 lb bot	..D	8.50	9.25
Gingergrass, 28 lb tins	..D	2.50	2.75
Hemlock, 25 lb tins	..D	.85	.87
Juniper Berries, USP, 25 lb tins	..D	2.45	2.50
Wood, 50 lb tins	..D	.50	.60
Lavender USP, 25 lb tins	..D	5.00	5.25
Spike, Spanish, 50 lb cans	..D	1.10	1.50
LEMON, Ital., USP, 25 lb cans	..D	3.40	3.50
Terpeness	..D	18.00	22.00
American, USP, 25 cans	..D	2.50	2.75
Lemongrass, native 50 lb cans	..D	1.10	1.20
Limes, expressed, 25 lb tins	..D	7.00	7.50
Distilled, 25 lb tins	..D	2.75	3.00
Linaloe Mex., 80 lb cases	..D	3.25	3.50
Mace, distilled, 50 lb tins	..D	1.80	1.85
Mirbane, ref., Aromatic Chemicals			
Mustard, USP, 1 lb bot	..D	14.00	14.25
Artif., USP, 5 lb bot	..D	2.10	2.25
Neroli, Bigarade 1/2 & 1 lb bot	..D	75.00	100.00
Petale, 1 lb bot	..D	100.00	125.00
Artificial, 1 lb bot	..D	10.00	20.00

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Nutmeg, USP, 25 lb tins	1.80	: 1.85	Vetivert, Bourbon 10 bot	20.00	: 21.00	Linalool, 5 lb bot	6.00	: 6.25
Orange, bitter, 25 lb tins	2.65	: 2.75	Indian, 1 lb bot	30.00	: 40.00	From Bois de Rose 5 lb bot ..	6.00	: 6.25
Sweet W Ind, 25 lb tins	2.85	: 3.00	Java, 1 lb bot	20.00	: 22.00	MENTHOL 60 lb cases	6.25	: 6.50
Italian 25 lb cop	3.35	: 3.75	Wine, heavy, 1 lb bot ....	...	: 1.50	less cases, 5 lb cans ..	7.00	: 7.25
American, 25 lb tins	3.30	: 3.50	WINTERGREEN			Rhodinol, 1 lb bot	18.00	: 20.00
Distilled, 25 lb tins	1.75	: 1.85	Sweet bch., 25 lb tins	3.00	: 4.50	Extra, 1 lb bot	35.00	: 42.00
Spanish 25 lb tins ....	...	: 3.60	Southern, 25 lb tins	1.85	: 2.00	SAFROL, drums ....	...	: .31
Origanum, 50 lb cans tech. ....	.25	: .28	Gaultheria, true 25 lb tins ..	7.00	: 8.00	60 lb cans ....	...	: .33
Parsley, 1 lb bot	6.75	: 7.00	Southern, 25 lb tins	3.75	: 4.00	Thymol, USP, 25 lb tins	4.25	: 4.50
Patchouli, 5 lb bot	6.25	: 6.50	Synthetic, see Methyl Salicylate			SYNTHETIC AROMATICS		
Pennyroyal, dom., 25 lb tins	2.50	: 2.75	Wormseed, Balt., USP, 25 lb tins ..	6.00	: 6.25	Acetophenone, CP, 1 lb bot	3.50	: 3.75
Imported, 25 lb tins	2.40	: 2.50	Wormwood, dom., 25 lb tins	7.25	: 7.50	Aldehyde, C-8 (Octyl) 1 lb bot ..	45.00	: 60.00
PEPPERMINT, nat 60 lb case ..	24.25	: 25.00	Ylang Ylang Bourbon 10 lb tins	8.00	: 9.00	C-9 (Nonyl), 1 lb bot	70.00	: 75.00
Redis., USP, 60 lb cases ..	25.25	: 26.00	No 1	6.00	: 7.00	C-10 (Decyl) 1 lb bot	50.00	: 58.00
Petit Grain, S.A. 25 lb tins ..	2.40	: 2.50	No 2	35.00	: 40.00	C-12 (Dodecyl), 1 lb bot ..	27.50	: 32.50
French, 1 lb bot	6.50	: 7.00	Manila, 1 lb bot ....	...		C-14, 1 lb bot	22.50	: 25.00
Italian 25 lb tins	2.20	: 2.30	OLEORESINS			C-16, 1 lb bot	70.00	: 80.00
Pimento, 25 lb tins	5.25	: 6.00	Anethol 1 lb bot.,	3.50	: 3.60	Auphepine, see Anisic Aldehyde		
Pinus Sylvestris 25 lb tins	1.40	: 1.75	Aspidium, USP, 1 lb bot	2.00	: 2.25	Amyl Acetate, pure 5 gal cans gal	4.75	: 5.50
Fumilio, USP, 25 lb tins	2.25	: 2.50	Capsicum, USP, 1 lb bot	2.00	: 2.25	Butyrate, 1 lb bot	2.00	: 2.25
Rose, Fr., 8, 16, & 32 oz pkgs ..	9.00	: 9.50	Cubeb, USP, 1 lb bot	3.50	: 3.75	Cinnamate, 1 lb bot	5.00	: 5.25
Bulg., 8, 16, & 23 oz pkgs ..	10.00	: 11.00	Ginger, 5 lb bot	3.50	: 3.75	Formate 1 lb bot	2.00	: 2.25
Artificial, 1 lb bot	2.00	: 2.75	Malefern, See Aspidium			Phenyl Acetate, 1 lb bot	4.50	: 5.00
Rosemary, USP, 27 1/2 lb tins ..	47 1/2	: 52 1/2	Orris, 1 lb bot	15.00	: 18.00	SALICYLATE, dom. 100 lb		
Tech., 27 1/2 lb tins ....	.45	: .47	Pepper black USP, 1 lb bot	4.50	: 4.75	chys	1.45	: 1.50
Rue, 1 lb bot ....	...	: 4.00	Vanilla, 1 lb bot	9.50	: 12.75	Imported	2.25	: 2.50
Sandalwood F Ind USP, 100 lb			Aromatic Chemicals			Valerate, 5 lb bot	2.75	: 3.00
Cases	7.15	: 7.25	NATURAL DERIVATIVES			Anisic Aldehyde 1 lb bot	3.25	: 3.50
W. Indian (Amayris) 25 lb tins ..	1.85	: 2.00	Anethol, 2 lb bot	1.25	: 1.50	BENZALDEHYDE, USP, 40 lb chys ..	1.15	: 1.25
Sassafras, USP, 50 lb cans ....	.90	: 1.10	Borneol, 1 lb bot	2.50	: 2.60	FFC, 40 lb chys	1.30	: 1.40
Artificial, 1000 lb drs., 60-lb cans ..	.27	: .29	CITRAL, 25 lb cans	2.75	: 3.00	Imported, USP,	1.10	: 1.25
Savin, 50 lb tins	2.00	: 2.15	Citronella 1 lb bot	2.50	: 3.00	Benzole Ether, See Ethyl Benzoate		
Spearmint, USP, 50 lb tins	11.00	: 11.50	EUCALYPTOL, USP, 50 lb cans ..	1.00	: 1.10	Benzophenone 1 lb bot	4.50	: 5.00
Spruce, 50 lb tins ....	.85	: .87	Eugenol, USP, 25 lb cans	2.75	: 3.00	Benzyl Acetate 100 lb chys ..	1.25	: 1.30
Tansy, Amer., 20 lb tins	6.75	: 7.00	Geraniol, Domestic, 50 lb cans ..	3.00	: 3.25	Alcohol, 5 lb bot	1.25	: 1.35
Tar, 50 gal bbls ....	.25	: .30	Iso-Eugenol 1 lb bot	4.25	: 4.50	BENZOATE 5 lb bot	1.25	: 1.35
USP, 25 lb tins			Imported	3.75	: 3.90	Medicinal FFC	1.45	: 1.60
Thyme, red. USP, 25 lb tins ..	.80	: .85				Butyrate, C.P. 1 lb bot	4.00	: 4.50
White, USP, 25 lb tins95	: 1.00				Cinnamate 1 lb bot	9.50	: 9.75
Tech., 110 lb drums65	: .70				Formate, 1 lb bot	3.00	: 3.25

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Benzyl Alcohol

Benzyl Acetate

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Benzyl Propionate 1 lb bot	4.00	: 4.25	Iso-Safrol 1 lb bot imp	3.75	: 4.00	TERPINEOL, CP, 1000 lb drs	.29	: .31
Valerate 5 lb bot	7.50	: 8.00	Domestic 5 lb bot	3.50	: 3.75	Cans, 50 lb	.34	: .35
Bornyl Acetate, 1 lb bot	3.25	: 3.50	Linalyl Acetate, 1 lb bot	8.00	: 9.50	Absolute, 25 lb cans	.50	: .60
Bromystrol, 25 lb cases	3.75	: 4.25	Benzoate, 1 lb bot	13.00	: 14.00	Imported, 25 lb cans	.36	: .38
Butyl Anthranilate 1 lb bot dom	...	: 16.00	Formate, 5 lb bot	10.50	: 12.00	VANILLIN, USP, 500 oz cans	...	: .49
Butyl Ether, See Ethyl Butyrate			Methyl Acetophenone	3.75	: 4.00	Cans, 16 oz, 80 oz	.50	: .51
Cinnamic Acid, 5 lb cans	3.25	: 3.50	ANTHRANILATE dom, 1 lb bot	2.50	: 3.25	Second Hands	.45	: .48
Alcohol, liquid 1 lb bot	5.00	: 6.00	Imported	2.50	: 3.00	Valerianic Ether, See Ethyl Valerate		
Crystallizable	7.00	: 8.00	Benzoate, 5 lb bot import	2.00	: 2.25	Yara Yara, 1 lb cans	1.50	: 1.60
Aldehyde	8.00	: 3.25	Domestic, 5 lb bot	1.75	: 2.00	PERFUMERS' SUNDRIES		
CITRONELLOL, 1 lb bot	6.50	: 7.50	Cinnamate, 1 lb bot	3.75	: 4.25	Almond Meal, 25 lb cans	.24	: .25
Imported, 1 lb bot	7.75	: 9.00	Heptenone, 1 lb bot	8.00	: 8.50	Amber, liquid 400 lb drs	2.20	: 2.30
Citronalyl Acetate, 1 lb bot	13.00	: 14.00	Paracresol, 1 lb bot	8.00	: 9.00	Ambergris, black bxs	18.00	: 20.00
COUMARIN, 25 lb cans	3.10	: 3.25	Phenylacetate 5 lb bot dom	3.75	: 4.00	Gray bxs	30.00	: 35.00
DIETHYL PHTHALATE, See Chemicals			SALICYLATE, USP, 500 lb			Balsam Copaiba, Para, 80 lb cases	.37 1/2	: .40
Diphenylsulfide, 25 lb tins	1.15	: 1.25	drums	...	: .42	South American, 80 lb cases	.42 1/2	: .45
Ethyl Acetate, pure, 5 lb bot	.45	: .50	50 lb cases	...	: .45	Peru, 120 lb cases	1.75	: 1.80
Benzoate, 5 lb bot	1.75	: 1.90	Second Hands	...	: .42	Tolu, 80 lb cases	1.30	: 1.40
Butyrate, 5 lb bot	2.00	: 2.20	Mirbane, rect., 1000 lb drums	.10	: .12	Benzoin Gum, Siam, bxs	1.10	: 1.45
Capronate, 1 lb bot	3.25	: 3.50	Musk Ambrette, 1 lb cans	8.00	: 9.00	Castoreum, 1 lb bot	8.00	: 10.00
Cinnamate, 1 lb bot	3.50	: 3.75	Ketone, 1 lb cans	10.00	: 11.00	Chalk, precip., light, 175 lb bbls	.04 1/2	: .05
Formate, 5 lb bot	1.00	: 1.25	Xylene 5 lb cans	2.85	: 3.25	Cherry Laurel Water, 5 gal cans gal	1.15	: 1.25
Ethyl-methyl Paracresol, 1 lb bot	3.25	: 3.50	Nerolin, 1 lb cans	1.50	: 1.60	Civet Abyssin horns	2.10	: 2.25
Ethyl Phenylacetate, 5 lb bot	3.75	: 4.00	Oenanthal Ether, 1 lb bot	2.25	: 2.30	Labdanum, 5 lb bot	7.50	: 8.00
Propionate, 1 lb bot	2.00	: 2.25	Para-Cymene, Refd., 110 gal drs gal	3.25	: 2.50	Lanolin hydrous, 350 lb bbls	.15	: .21
Valerate, 5 lb bot	...	: 3.75	Phenylacetaldehyde, Dom.,			Anhydrous, 350 lb bbls	.18	: .23
Salicylate, 5 lb bot	2.00	: 2.10	1 lb. bot 50 pc	8.00	: 8.50	Musk pods, Cabardine, tins	18.00	: 17.00
Formic Ether, See Ethyl Formate			Imported, 50 p.c.	7.00	: 7.50	Tonquin, tins	24.00	: 26.00
Geranyl Acetate, 1 lb bot	4.50	: 5.00	80-85 pc	13.00	: 15.00	Grains, Cabardine, tins	25.00	: 26.00
Butyrate, 1 lb bot	13.00	: 13.50	Phenylacetic Acid, 1 lb bot	3.00	: 3.25	Tonquin, tins	36.00	: 44.00
Formate, 1 lb bot	12.00	: 12.50	Phenyl Diacetate, 1 oz bot	3.25	: 3.50	Synthetic, See Aromatic Chemicals		
Hellotropin, dom., 100-10 lbs	1.85	: 1.75	1 lb bot	8.00	: 10.00	Orris Rt., Flor., powd bbls	.12	: .13
Imported	2.00	: 2.25	Imported	7.00	: 7.75	Verona, powd. bbls	.10	: .11
Hydroxycitronellal, 1 lb bot	10.00	: 12.00	Phenylethyl Alcohol, 1 lb bot	6.00	: 7.00	Petrolatum, snow white 50 lb bbls	.12 1/2	: .13
Indol, C.P. 1 oz bot	3.50	: 4.00	Phenylethyl Butyrate 1 lb bot	26.00	: 28.00	Light Amber, 350 lb bbls	.04 1/2	: .04 3/4
Ionone, 1 lb bot. 100%	6.75	: 7.00	Formate, 1 lb bot	19.00	: 21.00	Rice Starch, 140 lb bgs	.09	: .10
Alpha	7.50	: 10.00	Propionate, 1 lb bot	20.00	: 24.00	Rose Water, 6 2-3 gal clys	1.00	: 1.25
Beta	8.00	: 8.50	Valerate 1 lb bot	25.00	: 29.00	Randallwood chips powd, bags	.35	: .40
Methyl	9.50	: 10.00	Phenylpropylalcohol, 1 lb bot	15.00	: 16.00	Saponin, 5 lb tins	1.15	: 1.30
Iso-Butyl Benzoate 5 lb bot	2.75	: 3.00	Skatol, 1 oz bot	4.50	: 7.00	Talc, Italian 220 m bgs	60.00	: 80.00
			Terpiny Acetate 25 lb cans	1.25	: 1.35	French 220 lb bags	40.00	: 45.00
			Imported, 25 lb cans	1.25	: 1.35	Domestic ref., 100 lb bags	14.00	: 16.00

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ALBUMEN—56 cs., Sino Handels Java, Shanghai; 42 cs., Dodwell & Co., Shanghai; 56 cs., Wah Chang Trdg Co., Shanghai; 3,066 tons, Swift & Co., Shanghai; 71 cs., A Williams & Co., Shanghai; 23 cs., Balfour Williams & Co., Shanghai; 22 cs., S W Bridges & Co., Shanghai; 55 cs., Innis Speiden & Co., Shanghai

ALCOHOL—Methyl, 52 drs., Kuttroff Pickhardt & Co., Rotterdam; 175 drs., G W Sheldon & Co., Rotterdam

ALOES—50 cs., R Desvernine, Curacao

AMMONIUM—Sulfocyanide, 12 cks., Davies Turner & Co., Manchester

ANTIMONY—250 cs., Order, Hamburg; 250 cs., W. R. Grace & Co., Havre; 300 cs., Watson Geach & Co., Southampton; **Oxide**, 225 bgs., Order, Hamburg; 130 bgs., Wah Chang Trdg Corp., Shanghai; **Regulus**, 100 cs., Order, Hamburg; 84 cs., G W Smith & Co., Havre

ARSENIC—Sulfuret, 5 cks., Order, London

ARSENIC—Metallic, 10 drs., Pfaltz & Bauer Hamburg

BALSAM—Tolu, 40 cs., C E Griffin & Co., Puerto Colombia

BARK—Chopped Wattle, 2,392 bgs., Tannin Corp., Durban; 2,332 bgs., Irving Bank, Durban; 1,153 bgs., E J Haley, Durban

BAY RUM—2 cs., Order, St. Thomas; 40 brls., Hudson Tea Co., St. Thomas

BONE MEAL—3,497 bgs., Order, Hamburg

CASEIN—642 bgs., Bank of America, Buenos Aires; 834 bgs., Order, Buenos Aires; 334

bgs., Brown Bros. & Co., Buenos Aires; 250 bgs., Equit Trust Co., Buenos Aires; 567 bgs., Bank of America, Buenos Aires; 1,251 bgs., Kalbfleisch Co., Buenos Aires; 150 bgs., Order, Buenos Aires; 2,835 bgs., Lee Higginson & Co., Buenos Aires; 500 bgs., Brown Bros. & Co., Buenos Aires; 1,010 bgs., Bank of America, Buenos Aires; 417 bgs., Order, Buenos Aires

CHALK—550,000 kilos, Taintor Trdg Co., Dunkirk; 1,000 tons, Taintor Trdg Co., Hamburg; 24 cks., Order, Hamburg; **Precipitated**, 93 pgs., 200 bgs., H J Baker & Bro., Bristol

CHEMICALS—14 cks., Fissosway Chem Co., Hamburg; 2 cs., G Gennert, Hamburg; 56 cks., Jungmann & Co., Hamburg; 44 cks., Pfaltz & Bauer, Hamburg; 21 cs., 1 brl., Eimer & Amend, Hamburg; 28 cks., Order, Glasgow; 172 cks., 3 cs., Pfaltz & Bauer, Hamburg; 10 cs., Kachurin Drug Co., Hamburg; 6 cs., Eli Lilly & Co., Hamburg; 12 cs., 1 brl., Eimer & Amend, Hamburg; 10 cks., Manahan Chem Co., Rotterdam; 4 cks., F Rudloff, Rotterdam; 13 drs., A Klipstein & Co., Rotterdam; 120 drs., 165 cks., Roessler & Hasslacher Chem Co., Rotterdam;

Products, 20 cs., State Fwdg & Shpg Co., Havre; 50 cks., Rhodia Inc., Havre

CHLORAEETHYL—2 cs., Pfaltz & Bauer, Hamburg

CLAY—710 sks., H A Robinson & Co., London; **China**, 36 cks., C T Wilson & Co., Bristol

COAL TAR DISTILLATE—200 drs., Order, Liverpool

COLACTOL—20 drs., Order, Hamburg

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terdam; 32 kegs, 3 cks., Amer Exch Pacific Nat Bank, Liverpool

DIVI DIVI—490 bgs., Suzarte & Whitney, Maracaibo

DRUGS—6 cs., Burroughs Wellcome & Co., London

EARTH—236 cks., Reichard Coulston Inc., Leghorn; **Red**, 160 bgs., G Z Collins & Co., Bristol; **Umb. r.**, 100 bgs., Order, Piraeus

EPSOM SALTS—500 bgs., Innis Speiden & Co., Hamburg

ETHYL CHLORIDE—10 cs., Hensel Bruckmann & Lorbacher, Hamburg

EXTRACTS—Logwood, 100 cks., West Indies Chem Works, Kingston; 10 brls., T S Todd & Co., Monte Cristi; **Mangrove Bark**, 400 bgs., Order, Singapore; **Quebracho**, 40,000 bgs., Dominion Bank, Buenos Aires; 1,070 bgs., Order, Buenos Aires

FERRO CHROME—121 cks., C Hardy Inc., Gothenburg

FLOWERS—Chamomille, 25 cs., S B Penick & Co., Hamburg; **Pyrethrum**, 75 bls., J Powell & Co., Kobe; 75 bls., Frank Tea & Spice Co., Kobe; 100 bls., W J Byrnes & Co., Kobe

FULLER'S EARTH—11 bgs., Bristol

GELATINE—850 cs., Order, Singapore

GELATINE—10 cs., W E Miller, Havre

GLUE—20 cks., Rex Reynolds, Nova Scotia; 20 bls., C B Hewitt & Bros., Nova Scotia; 300 bgs., Nat Gum & Mica Co., Liverpool; 100 bgs., Milligan & Higgins Glue Co., Liverpool; 271 bgs., Amer Exp Co., Liverpool; **Bone**, 110 bgs., Stump & Walter, Rotterdam

GLYCERIN—20 drs., Order, Hamburg; 5 drs., Marx & Rawolle, St. Nazaire; 17 drs., Coré & Herbert, St. Nazaire; 100 drs., Order, London

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HERBS—12 cs., Columbus Co., Shanghai
HEXALIN—1 drum Intern Fwdg Co., Hamburg
HYDROSULFITE N F CONC—25 kegs, Order Liverpool
IRON OXIDE—10 cs., Order, Liverpool; 48 cs., J A McNulty, Liverpool
JUICES—Lime, 27 pgs., A D Strauss & Co., Dominica; 25 hds., J F Conway, Dominica; 19 cs., Middleton & Co., St. Lucia
LEAVES—Hennbane, 15 bbs., Peek & Velsor Hamburg; 4 bbs., S B Penack & Co., Hamburg; Patchouli, 70 bbs., Order, Penang
LIME—Chlorinated, 50 cs., H Kohnstamm & Co., Liverpool; 130 drs., C H Powell & Co., Hamburg
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MEDICINALS—40 cs., Lanman & Kemp, Cartagena; 6 cs., J Personeni, Leghorn; 6 bbs., J Monroe, Havana
MENTHOL—Crystals, 60 cs., S W Bridges & Co., Kobe
NAPHTHALENE—2,677 bbs., Order, Hamburg 500 bbs., Innis Speiden & Co., Hamburg 1,240 bbs., Order, Hamburg
NICKEL AMMONIUM SULFATE—21 cs., Philipp Bros., Liverpool
NUX VOMICA—800 bbs., Order Cochín
OILS—Cocunut, 1,855 tons, Spencer Kellogg & Sons, Manila; 274 cs., Order, London; **Cod-liver**, 100 bbs., Burroughs Wellcome & Co., Oslo; 50 cs., Schieffelin & Co., Oslo; 50 bbs., Magnus Mabey & Reynard, Bergen; 30 bbs., Ozomulsion Co., Bergen; 50 bbs., Order, Bergen; **Olive**, 100 bbs., Nat Bank of Commerce, Italy; 256 cs., Amer Hawaiian S S Co., Genoa; 200 cs., Order, Genoa; 335 cs., Bragno & Mustari, Leghorn; 1,175 cs., Order, Leghorn; 100 cs., G Matalone, Genoa; 100 cs., Rocco, Parette & Co., Genoa; 200 cs., Fiore & Co., Genoa; **Palm**, 522 cs., Order, Hamburg; 79 cs., Niger Co., Lagos; 480 cs., Niger Co., Port Harcourt; 550 cs., African & Eastern Trdg Co., Calabar; 155 cs., W & A Leaman, Duala; 220 cs., W & A Leaman, Bonny; 437 cs., Irving Bank, Bonny; 114 cs., Order, Hamburg; **Rapeseed**, 775 tons, Vacuum Oil Co., Hull; 100 bbs., 200 drs., Mitsui Bussan Kaisha, Osaka; 500 bbs., Vacuum Oil Co., Liverpool; **Sardine**, 4,000 cs., Cock & Swan, Kobe; 4,000 cs., Mitsui & Co., Kobe; 2,000 cs., Order, Yokohama; **Sperm**, 100 bbs., Order, Glasgow; **Sulfur**, 100 bbs., Banca Comm Italiana, Italy; 200 bbs., Order, Italy; 300 bbs., Order, Patras; 100 bbs., Guaranty Trust Co., Catania; 300 bbs., Webster & Atlas, Catania; 50 bbs., Order, Palermo
OILS—Essential, 5 cs., F R Dreyer, Havre; 22 cs., Orbis Products Trdg Co., Havre; 50 cs., W J Bush & Co., Messina; 377 cs., Brown Bros & Co., Messina; 100 cs., Order, Messina; 2 cs., Ungerer & Co., London; 13 cs., National City Bank, Singapore; 231 cs., Order, Messina; 268 cs., Amer Shpg Co., Nova Scotia; 1 ck., A Chiris & Co., Marseilles; 5 cs., Raphael & Bertrand, Marseilles; 50 cs., Baker Carver & Morrell, Bergen; 5 cs., Roure Bertrand Fills., Southampton; **Almond**, 5 cs., Ungerer & Co., London; **Anise**, 10 drs., Lehn & Fink, Hongkong; 5 drs., Equit Trust Co., Hongkong; **Bay**, 4 cs., Order, Dominica; **Bergamot**, 19 cs., Order, Messina; **Cassia**, 5 drs., Equit Trust Co., Hongkong; 5 drs., Goldman Sachs & Co., Hongkong; **Cinnamon**, 2 drs., Order, Colombo; **Citronella**, 7 drs., J W Greene & Co., Batavia; 4 drs., Morana Inc., Southampton; **Geranium**, 3 drs., Order, Havre; **Lemon**, 150 cs., G Lueders & Co., Messina; 98 cs., Order, Messina; 100 cs., J B Horner

& Co., Catania; 20 cs., Heidelberg Ickelheimer & Co., Messina; 70 cs., Order, Messina; 2 cks., A Chiris & Co., Marseilles; **Lemongrass**, 24 drs., Order, Cochín; **Lime**, 8 cs., Order, Dominica; 4 cs., Middleton & Co., St. Lucia; 2 cs., Lo Curto & Funk, Southampton; **Orange**, 48 cs., Order, Messina; 10 cs., Gillespie & Co., Kingston; 7 cs., Order, Messina; **Peppermint**, 10 cs., A A Stilwell & Co., Kobe; 10 cs., Ungerer & Co., Kobe; **Petit Grain**, 4 cs., Order, Buenos Aires; **Pine Tree Needle**, 3 drs., Parke Davis Co., Hamburg; 6 cks., Order, Hamburg; **Rosewood**, 3 bbs., A Chiris & Co., France; **Ylang Ylang**, 5 cs., Amer Exch Nat Bank, Manila
OPIUM—25 cs., Order, Constantinople
ORTHO CRESOL CRYSTALS—43 drs., Commonwealth Chem Corp., Manchester
PHARMACEUTICAL PRODUCTS—38 cs., G J Wellau, Havre; 13 cs., E Fougere & Co., Havre
PINE TAR—700 bbs., Nat Bank of Commerce, Danzig
PLUMRAGO—734 bbs., Irving Bank, Colombo; 145 bbs., Order, Colombo
POTASSIUM SALTS—275 cs., A Klipstein & Co., Hamburg; **Caustic**, 125 drs., A Klipstein & Co., Hamburg; 20 drs., A Klipstein & Co., Hamburg; **Muriate**, 515 167 kilos, Ste Comm des Potasses d'Alsace, Antwerp; **Perchlorate**, 150 bbs., Anglo So Amer Trust Co., Havre; **Prussiate**, 40 cs., A Klipstein & Co., Hamburg; 24 kegs, C Tennant Sons & Co., Liverpool; **Sulfate**, 2,800 bbs., Ste Comm Des Potasses d'Alsace, Antwerp
PYRIDINE—21 drs., Order, Hamburg
PUMICE STONE—Lump, 1,001 bbs., K F Grif fittis & Co., Lipari; 3,411 bbs., Order, Lipari
QUICKSILVER—21 flasks, Order, Vera Cruz
ROOT—5 bbs., Order, Leghorn; **Arrow**, 16 cs., J P Smith & Co., London; 25 bbs., Middleton & Co., St. Vincent; 600 bbs., J Morningstar & Co., St. Vincent; 16 bbs., Order, St. Vincent; **Broom**, 100 bbs., Order, Vera Cruz; **Ipecac**, 3 bbs., Colombia Amer Corp., Cartagena; **Musk**, 5 bbs., Order, Southampton; **Orris**, 52 bbs., Order, Leghorn
ROSIN—125 cs., Colombia Naval Stores, Bordeaux; 6 bbs., Mecke & Co., Azua
SALT—300 cs., H F Ritchie & Co., London; 280 bbs., W A Hazard & Co., Liverpool
SEED—Canary, 235 bbs., Order, Buenos Aires; 891 bbs., Crawford Hammond & Co., Buenos Aires; 246 bbs., Irving Bank, Buenos Aires; **Cardamom**, 12 cs., Order, Colombo; 4 cs., Lo Curto & Funk, Hamburg; **Castor**, 5,000 bbs., Industrias Reunidas, Santos; **Flax**, 11,812 bbs., L Dreyfus & Co., Buenos Aires; 16,275 bbs., Order, San Nicolas; 21,847 bbs., L Dreyfus & Co., Rosario; 8,387 bbs., L Dreyfus & Co., Buenos Aires; 7,115 bbs., Amer Linseed Co., Santa Fe; 36,237 bbs., Amer Linseed Co., Buenos Aires; **Mustard**, 483 bbs., R F Downing & Co., London; 200 bbs., Lo Curto & Funk, Southampton
SENNA—Siftings, 7 bbs., Order, London
SHELLAC—Sticklac, 48 bbs., Amer Exch Nat Bank, Singapore; 85 cs., Rogers Pyatt Shellac Co., Singapore; 84 bbs., Nat City Bank, Bangkok
SODA NITRITE COMPOUND & ERYTHROL TETRANITRATE—1 cse., Burroughs Wellcome & Co., London
SODIUM SALTS—Acetate, 135 cs., Brown Bros & Co., Genoa; **Fluoride**, 109 bbs., Innis Speiden & Co., Danzig; **Fluosilic**, 250 bbs., Order, Hamburg; **Nitrate**, 251 bbs., R W Greiff & Co., Oslo; **Nitrite**, 117 cs., R W Greiff & Co., Oslo; **Phosphate**, 65 cs., F Rudloff, Rotterdam; 174 cs., Nat City Bk., Rotterdam; **Pitrite**, 125 cs., Kuttroff Pickhardt & Co., Rotterdam; **Sulfide**, 100 drs., H Hinrichs Chem Corp., Rotterdam; **Sulfhydrate**, 138 drs., C S Grant & Co., Hamburg; **Sulfite**, 16 drs., C Tennant Sons & Co., Yokohama
SPICES—Bitters, 1,450 cs., J W Wupperman, Trinidad; **Cassia**, 20 cs., Order, Hongkong; **Chillies**, 335 bbs., Amer Trdg Co., Kobe; 100 bbs., S L Jones & Co., Kobe; **Cinnamon**, 50 bbs., C T Wilson & Co., Colombo; 150 bbs., Order, Colombo; **Cloves**, 200 bbs., Amer Merchant Lines, London; 100 bbs., W J Bush & Co., Southampton; **Ginger**, 613 bbs., Order, Freetown; 50 cs., Lee Higginson & Co., Hongkong; 160 cs., 100 cs., Order, Hongkong; 48 cs., Order, London; **Mace**, 10 bbs., T Scott & Co., Grenada; 1 bbl., Gillespie & Co., Grenada; 4 bbs., Frank Tea Spice Co., Grenada; 4 bbs., P H Old & Co., Grenada; **Nutmegs**, 84 bbs., Standard Bank

of So Africa, Singapore; 50 bbs., W Tappenback, Grenada; 34 bbs., Middleton & Co., Grenada; 25 bbs., Frank Tea & Spice Co., Grenada; 15 bbs., T Scott & Co., Grenada; **Pepper**, White, 235 bbs., Order, Singapore; 630 bbs., Catz Amer Corp., Batavia
SPONGES—15 bbs., J H Rhodes & Co., Nassau; 59 bbs., Cunard S S Co., Nassau; 51 bbs., Amer Sponge & Chamois Co., Havana; 125 bbs., Lasker & Bernstein, Havana; 77 bbs., Nat Sponge & Chamois Co., Havana; 96 bbs., G W Sheldon & Co., Havana; 6 bbs., Bernard Judae & Co., Havana
SUMAC—658 bbs., Order, Palermo
TALC—10 cs., Markwell Mfg Co., Nova Scotia; 700 bbs., Hammill & Gillespie, Nova Scotia
TAPIOCA—Flour, 562 bbs., Spier Simmons & Co., Batavia; 293 bbs., Chicago Starch Co., Batavia
TARTAR—112 bbs., C Pfizer & Co., Buenos Aires; **Material**, 3,388 bbs., Royal Baking Powder Co., Buenos Aires
TOLUOL—6 drs., Standard Varnish Works, Hamburg
UREA—111 cs., Kuttroff Pickhardt & Co., Rotterdam
VANILLA BEANS—10 cs., G Lueders & Co., Havre; 122 cs., P H Petry & Co., Marseilles; 5 cs., Thurston & Braidich, Marseilles; 76 cs., Order, Marseilles
VULCACIT—2 cs., Grasselli Dyestuff Co., Rotterdam
WAX—8 bbs., 3 seroons, Arkell & Douglas, Macors; 8 bbs., Mecke & Co., Azua; 100 bbs., Order, Rotterdam; **Bees**, 75 bbs., Nat Bank of Commerce, Hamburg; 46 bbs., Am Trdg Co., Rio De Janeiro; 3 bbs., Schutte & Focke, Puerto Plata; 8 seroons, W Schall & Co., Puerto Plata; 28 bbs., Order, Havana; **Carnauba**, 112 bbs., Ultramares Corp., Rio De Janeiro; 112 bbs., Klein & Co., Rio De Janeiro; **Montan**, 276 bbs., Order, Hamburg
WINE LEES—324 bbs., Royal Baking Powder Co., Oran
WOODFLOUR—339 bbs., E M Sergeant & Co., Gothenburg; 750 bbs., B L Soberski & Co., Oslo
WOOD TAR—100 bbs., Order, Danzig
ZINC—Oxide, 1 cse., Erie R Co., Hamburg; 38 drs., Order, Hamburg

IMPORTS AT PHILADELPHIA

Jan. 28 to Feb. 3

ANTIMONY—9 cases, Order, Antwerp; 51 casks, Order, Hamburg; 34 casks, Order, Hamburg
CASTOR OIL—30 bbls., Order, Hull
CHLORIDE MAGNESIUM—456 drums, Manufacturers Tr. Co., Hamburg
CLAY—400 tons, Hammill & Gillespie, Bristol
COAL TAR DISTILLATE—20 drums, Monsanto Chem Wks., Calhoun
FERTILIZER—1,016 bags, Kuttroff Pickhardt Co., Hamburg
GLYCERIN—Dynamite, 40 drums, Order, Hamburg; 20 drums, Order, Havre
GUM—Copal, 100 bbs., Brown Bros Co., Rotterdam; 360 bags, Brown Bros Co., Antwerp; 66 bags, John H Faunce, Calhoun; **Tragacanth**, 16 bags, Fourth St. Nat Bank, Port Antonio; **Copal**, 260 baskets, Fourth St. Nat Bank, Macassar; 188 baskets, Kidder Peabody Corporation, Macassar; 132 baskets, Fourth St. Nat Bank, Macassar; 65 baskets, Irving Bank, Col Tr Co., Macassar
KAINIT—90736 kilos, Order, Hamburg
LICORICE ROOT—6,424 bags, Order, Smyrna
MANURE SALT—129,605 kilos, Soc Comm des Pot d'Alsace, Antwerp
NAPHTHALENE—74 cases, Bernard, Judae & Co., Hamburg; 226 bbs., Order, Hamburg
NATRIUM CHLORATE—200 casks, Order, Hamburg; 200 casks, Order, Hamburg
PALM OIL—45 casks, African & Eastern Tr Co., Hamburg
POTASH—Chloride, 1,000 bags, Order, Barcelona; **Nitrate**, 120 casks, Harshaw, Fuller & Goodwin, Antwerp; **Sulfate**, 1,000 bags, Soc Comm des Potasses d'Alsace, Antwerp; **Muriate**, 4,500 bags, Soc Comm des Potasses d'Alsace, Antwerp; 1,000 bags, Order, Hamburg; 5,000 bags, Soc des Potasses d'Alsace, Antwerp; **Caustic**, 66 drums, Superfos Co., Hamburg
RAPE OIL—345 bbls., Order, Hull
SODIUM—Cyanide, 110 cans, Anglo So Amer Bk., Havre
STFARIC ACID—63 bags, Order, Antwerp
TAPIOCA FLOUR—448 bags, Heidelbergb. Ickelheimer Co., Batavia; 1,520 bags, Order, Batavia; 252 bags, Goldman Sachs Co., Batavia; 1,038 bags, Order, Batavia

IMPORTS AT BALTIMORE

Jan. 29 to Feb. 4

BONE MEAL—1,103 bags, 20,304 lbs., F H Shallus Co., Hamburg; **Sinews**, 5000 bales, 198,000 lbs., Ralli Bros., Hamburg

CHEMICALS—90 casks, F H Shallus Co., Rotterdam
CLAY—60 casks, Baltimore & Ohio R R; 760 casks, F H Shallus Co., Bremen; **Fire**, 343 bags, 51,450 lbs., Standard Plate Glass Co., Havre

FULLER'S EARTH—400 bags, L A Salomon & Bio., Liverpool

MANGANESE ORE—1,000 tons, Crocker Bros., New York, Liverpool; 7,305 tons, W F Spice & Co., Inc., Poti

MOLASSES—1,300,000 gals., Cuba Distilling Co., Matanzas; 3,444 tons, F H Shallus Co., Danzig

POTASH—199,619 lbs., F H Shallus Co., Hamburg; 112 casks, 29,210 lbs., William H. Masson, Hamburg; 57 casks, F H Shallus Co., Hamburg; 79 casks, 61,222 lbs., Order, Hamburg; **Carbonate**, 114 casks, 89,170 lbs., Parsons & Petit, Hamburg; **Caustic**, 100 drums, 55,079 lbs., F H Shallus Co., Hamburg; **Manure Salt**, 150 bags, F H Shallus Co., Bremen

SALPETRE—3,628 bags, Kuttroff, Pickhardt & Co., Bremen

SEED—Mustard, 150 bags, McCormick & Co., Rotterdam; 200 bags, Order, Rotterdam; 860 bags, McCormick & Co., Liverpool

STARCH—Potato, 150 bags, Stein, Hall & Co., Inc., Rotterdam

VARNISH OIL—1 case, Baltimore and Ohio railroad, Liverpool

WOOL GREASE—160 bbls., 73,102 lbs., Samuel Shapiro & Co., Hamburg; 600 bbls., Samuel Shapiro & Co., Bremen

IMPORTS AT NEW ORLEANS

Jan. 29 to Feb. 4

CREOSOTE—4,000 tons, Order, Antwerp; 37,507 tons, Bermuth Limbehe & Co., Manchester

IRON OXIDE—115 bbls., Order, Malaga; 165 bbls., Order, Barcelona

LIME CHLORINATED—210 sacks, Order, Kingston

MOLASSES—1,300,000 gallons, Cuba Distilling Co., Cienfuegos

OLIVE OIL—2,115 cases, Order, Marseilles

OCBRE—302 casks, Order, Malaga

POTASH, MURIATE—6,130 sacks, Order, Havre

SALT—Caustic, 690 sacks, Order, Liverpool; **Nitrate**, 59,671 bags, W R Grace, Iquique

IMPORTS AT BOSTON

Jan. 23 to 30

ACID—Cresylic, 34 drums, Baltimore & Ohio R. R., Liverpool; **Lactic**, 50 cs., Kidder Peabody

CASEIN—198 bags, Brown Bros & Co., Buenos Aires

CHALK—500 tons, Order, London

GAMBIER—425 cs., Standard Bank of So. Africa, Singapore

EXTRACT—Quebracho, 1685 bags, Order, Buenos Aires

OIL—Cod, 1 bbl., N S J W Norwood, Yarmouth; **Sod**, 40 casks., J S Bent & Co., Manchester

SHELLAC—65 bags, Baring Bros., Calcutta, 200 bags, Order, Calcutta

STICKLAC—141 bags, E S Parks Shellac Co., Singapore; 792 bags, E S Parks Shellac Co., Shanghai

TRAGASOL—100 bbls., J P Marston Co., Manchester

ZINC CHLORIDE—38 cs., Goldschmidt Corp., Rotterdam

Jan. 30 to Feb. 6

ACID—Cresylic, 24 drums, Baldwin Universal Co., Antwerp; **Formic**, 80 carboys, Order, Rotterdam; 112 carboys, Order, Hamburg;

Oxalic, 75 casks., Order, Hamburg; 35 casks., R & H Chemical Co., Rotterdam

BUTTONLAC—75 chsts., Rogers Pyatt Shellac Co., Calcutta; 25 chsts., Order, Calcutta

CHALK—1,600 bags, Brown Bros, Antwerp

COLOR, ANILINE—1 case, Dyestuffs Corp. of America, Liverpool; 3 kegs, Dyestuffs Corp. of America, Liverpool

EXTRACT—Quebracho, 5,977 bags, Guaranty Trust Co., Buenos Aires

GLAUBER SALTS—250 bags, A Klipstein &

Co., Rotterdam; 600 bags, R & H Chemical Co., Hamburg

GLUE—500 bags, Order, Rotterdam; **Nitrium Chlorate**, 100 cks., Seaboard National Bank, Hamburg

OIL—Palm, 26 casks., I M Sobin & Co., Antwerp

POTASH—Caustic, 200 drums, Order, Hamburg; 10 casks., I M Sobin & Co., Rotterdam

SHELLAC—65 chsts., Rogers Pyatt Shellac Co., Calcutta; 270 chsts., Order, Calcutta

SAL AMMONIAC—14 casks., Order, Rotterdam

SODIUM—Nitrate, 25 casks, Order, Rotterdam; **Chlorate**, 100 cks., Order, Rotterdam

WOOLGREASE—6 bbls., F H Stone Co., London

ZINC—Oxide, 25 bbls., Order, Shanghai

IMPORTS AT SAN FRANCISCO

Jan. 23 to 30

COPRA—150 tons, Welff Kirschmann & Co., Sydney; 120 tons, Wightman & Crane, Fanning Islands; 3,327,765 lbs., American National Bank, Singapore; 3,023,962 lbs., Atkins, Kroll & Co., Singapore; 1,220,542 lbs., Kidder Peabody Acceptance Corp., Zambanga; 448,000 lbs., Atkins, Kroll & Co., Zambanga; 224 bags, Atkins, Kroll & Co., Rarotonga; 1942 bags, Williams Dimons & Co., Papeete; 989 bags, O'Connor, Harrison & Co., Papeete; 357 bags, American Finance & Commerce Co., Papeete; 824 bags, Order, Papeete; 5,559 bags, Kidder, Peabody Co., Papeete; 1,837 bags, Wightman & Crane, Papeete

CASSIA—150 cases, H M Newhall & Co., Hongkong; 60 bales, Order, Hongkong

DRIED BLOOD—1,605 bags, Order, Buenos Aires; 1,989 bags, Willits & Co., Buenos Aires

EXTRACTS—Quebracho, 3,054 bags, International Products Corp., Buenos Aires

GLUESTOCK—11 bales, Willits & Co., Buenos Aires

GUMS—16 cases, Order, Singapore; 80 bags, Bank of California, N. A., Singapore; **Copal**, 192 bags, Atkins, Kroll & Co., Singapore

New Construction Plans

New Jersey Rubber Co., Lambertville, N. J., is planning the early installation of additional equipment at its local mill, including refining apparatus and batching mills. C. M. Dilts is superintendent.

Krystal Rock Stucco Co., Atlas Building, Columbus, O., is considering the erection of an addition to its plant at New Bremen, O., reported to cost in excess of \$30,000, including equipment.

Borough Council, West Chester, Pa., has plans under way for the construction of a new filtration plant at the municipal waterworks, estimated to cost about \$80,000. It is expected to ask bids early in the spring.

Gaskill Chemical Co., 355-65 Van Buren Street, Newark, N. J., has plans under way for rebuilding the portion of its mixing department recently destroyed by fire with loss reported at \$20,000.

Carnegie Steel Co. will add 300 ovens to the Clairton by-product coke plant. The projected improvements will involve an outlay of between \$3,000,000 and \$4,000,000. Work will probably be started in the Spring. The addition will give the plant a total of 1,434 ovens.

C. R. Miller Manufacturing Co., Dallas, Texas, plans to build a \$300,000 bleachery at its mill at Sand Springs, Oklahoma. The plan of the company is to finish the product of the mill, and to take in custom bleaching. The mill is now running to about half its capacity, employing approximately 200 workers.

American Salt & Coal Co., Waldheim Building, Kansas City, Mo., will build an addition to its salt properties at Lyons, Kan., to be equipped as an evaporating plant. It is estimated to cost about \$300,000, with machinery. George P. Kelly is president.

Robert Gair Co., Brooklyn, N. Y., manufacturer of corrugated paper products, has plans in preparation for a new two-story and basement plant at Piermont, N. Y., to be 150 x 350 ft., estimated to cost about \$350,000, with machinery.

Victor Chemical Works, Inc., Chicago, has authorized plans for the immediate rebuilding of the portion of its plant at Nashville, Tenn., recently destroyed by fire with loss estimated in excess of \$300,000, with equipment.

American Cellulose & Chemical Co., with a plant at Cumberland, Md., will erect a plant at Drummondville, Que. It is understood that the Canadian company will be known as Canadian Cellulose & Chemical Co.

British-American Coke & By-Products Co., Ltd., has been formed in Canada to operate three large coke plants, two in Toronto, and one in Montreal. Both British and American interests are reported to be represented, and initial capital is \$10,000,000. American bituminous coal will be used.

Chemicals for December are given an index number of 188 compared with 173 for December, 1924, and 181 for November, taking 1919 at 100 per cent, says the Department of Commerce. The average annual index number for chemicals for 1925 is given at 170, compared with 148 for 1924.



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Drug & Chemical Patents

Granted February 2, 1926

- 1,571,189—Method of and apparatus for drying and calcining gypsum. Conrad Dressler, assignor to American Dressier Tunnel Kilns, Inc., New York, N. Y.
- 1,571,212—Method of making grape sugar. William B. Newkirk, Riverside, Ill., assignor, by mesne assignments, to International Patents Development Co.
- 1,571,269—Package assembling machine. Max Jaeger, assignor to Anchor Cap & Closure Corp., Brooklyn, N. Y.
- 1,571,290—Quenching Bath. William J. Merton, Pittsburgh, Pa., assignor to Westinghouse Electric & Mfg. Company.
- 1,571,291—Label holder for self-inking stamps. Gustav A. J. Meyer, Chicago, Ill., assignor to Meyer & Wenthe, a copartnership, Chicago, Ill.
- 1,571,320—Process of dyeing cellulose acetates. Rene Clavel, Basel, Switzerland.
- 1,571,321—Hydrocarbon generator. Samuel B. Clark, Harrah, Okla., assignor of one-half to Arthur Waner, Harrah, Okla.
- 1,571,382—Method of production of alloyed steel and iron with chromium, manganese, etc. Torsten Georg Stig and Josef Einar Leonard Stig, Odda, Norway.
- 1,571,395—Apparatus and method for collecting seaweed. Ansel R. Clark, Los Angeles, Calif.
- 1,571,447—Composition for molding and process of making same. Trevor S. Huxham, Bloomfield, N. J., assignor, by mesne assignments, to Carleton Ellis, Montclair, N. J.
- 1,571,464—Means for controlling the delivery of liquids. Frederick C. August, Enfield, England.
- 1,571,518—Apparatus for reducing and drying casein curd. Ernest Foster, North Brunswick, Victoria, Australia, assignor to Vermont Casein Pty. Ltd., Melbourne, Australia.
- 1,571,625—Flaked soap and process of making the same. George F. Dawes, La Crosse, Wis.
- 1,571,626—Process of obtaining milk sugar. Henry V. Dunham, Mount Vernon, N.Y., assignor to the Rosemary Creamery Co., New York, N. Y.
- 1,571,648—Process for obtaining hydrochloric acid free from arsenic. Erwin Schmidt, assignor to the Firm Gesellschaft für Chemische Produktion m. b. H., Mannheim-Waldhof, Germany.
- 1,571,662—Casein waterproof glue. Andrew A. Dunham, Bainbridge, N. Y., assignor to the Lascu Manufacturing Co., New York, N. Y.
- 1,571,705—Cup dispenser. Harold Cable, Buffalo, N. Y., assignor, by mesne assignments, to Vortex Mfg. Co., Chicago, Ill.
- 1,571,706—Process or method of making waterproof paper tubes. James H. Carmichael, assignor to U. S. Cartridge Co., Lowell, Mass.
- 1,571,739—Hard, resinous vulcanization accelerator and process of making same. Winfield Scott, assignor to E. I. duPont de Nemours & Co., Wilmington, Del.
- 1,571,805—Fractionating tower. Frank Bernette Samuel, Baton Rouge, La.
- 1,571,829—Detergent composition. Carl T. Wiese, Sand Point, Idaho, assignor to Vapo Products Co., Inc., Sand Point, Idaho.
- 1,571,851—Beater and mixer. Ray W. Lyon, Trail, Oreg.
- 1,571,864—Dye vat. Frank M. Morton and Gordon W. Morton, Phoenix City, Ala.
- 1,571,973—Process of making tanning preparations and products thereof. Thomas Blackadder, Great Neck Estates, N. Y., assignor to Robeson Process Co., New York, N. Y.
- 1,571,875—Receptacle for the storage of articles of food. Frank H. Lehman, Lebanon, Pa.
- 1,571,891—Art of softening water. Roy G. Tellier, Chicago Heights, Ill., assignor to the Permutit Co., New York, N. Y.
- 1,571,893—Water softening art and material. Same as in preceding.

CHEMISTS OF THE WORLD TO MEET

Will Honor Priestley's Memory, and Discuss Colloid Research and Chemistry of the Future

Many distinguished foreign chemists will come to America to participate in the semi-centennial celebration of the American Chemical Society in Philadelphia during the week beginning Sept. 6, when Priestley, discoverer of oxygen, and other pioneers will be honored. Twenty-six American and European scientists will deliver special lectures at the summer session of Columbia University July 6 to Aug. 11. They include Prof. James F. Norris of the Massachusetts Institute of Technology, president of the American Chemical Society, and Prof. H. S. Taylor of Princeton, who recently accomplished the fusion of hydrogen and oxygen into pure hydrogen peroxide.

One of the first big chemistry meetings of the year will be the spring meeting of the Society at Tulsa, Okla., April 5 to 9. The fourth annual colloid symposium will be held at the Massachusetts Institute of Technology June 23, 24 and 25. Prof. James W. McBain of the University of Bristol will be the guest of honor. It is planned to found an Institute for Research in Colloid Chemistry at a cost of \$1,000,000.

Another big chemical event will be the discussion of "The Role of Chemistry in the Future Affairs of the World" at the 1926 Conference of the Institute of Politics at Williamstown, Mass. The conference will be organized and conducted with the assistance of the American Chemical Society.

The International Union of Pure and Applied Chemistry will meet in Washington during the week of September 13. This will be the first meeting held by the Union in America. The organization is the virtual successor of the International Congresses of Applied Chemistry, the last of which met under the chairmanship of William H. Nichols, in New York in 1912.

S. S. French, of Samuel H. French & Co., Philadelphia, died of pneumonia on Jan. 31.

VACCINE MAKERS WIN POINT

In *Sherman vs. International Publications, Inc.*, Star Holding Co. and Norman Haggood, the Appellate Division of the Supreme Court, First Department, New York, held in an opinion delivered by Justice Merrell, that to say the plaintiff's vaccines had caused death, is not privileged comment, but the statement of a fact, and that when comment or criticism of a man's work becomes an attack on his private or business character, the element of malice comes in and may stamp the language as libelous. The court said in part:

"The publication stated in effect that the vaccines were dangerous and had been known to cause death. The publication classifies the plaintiff with notorious vendors of patent medicines and charlatans, and charges that doctors allow themselves to be fooled by plaintiff's advertisements, charges the plaintiff with foisting dangerous remedies on uninformed doctors, with being unscientific and that in well conducted hospitals such vaccines are seldom used."

The new Graybar Electric Co., formerly the Supply Department of Western Electric Co., has made the following appointments: W. O. Ramsburg, general service manager, reporting to the vice president in charge of staff; G. E. Chase, broadcasting sales manager; A. J. Eaves, carrier telephone sales manager; R. M. Hatfield, public address sales manager. C. E. Reddig has been appointed appliance engineer of the company and will report direct to the manager of the telephone and appliance department. W. A. Fouhy, plant engineer, will supervise plans and construction of the company owned or leased buildings and permanent fixtures.

William H. Hartshorn, for many years in the wholesale drug business in Boston, died last week at a private sanatorium in Newton, Mass. Mr. Hartshorn was eighty years of age.

George P. Morgan, 87 years old, head of Geo. P. Morgan & Co., Philadelphia, died Feb. 1.



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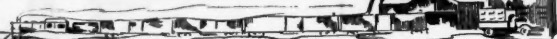
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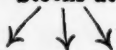
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MISCELLANEOUS Supplies for Veterans' Hospital—Bids are wanted on dates indicated by the purchase & issue subdivision, veterans' bureau, Washington, Feb. 11—cir. 178, 240 bobs procaine hydrochloride. Feb. 12—cir. 3340. Small quantity of drugs.

ANNUAL SUPPLIES—Sealed bids will be received until March 3 by the general supply committee, Treasury Department, Washington for annual supplies as may be ordered from time to time during the fiscal year for use by executive departments & certain other establishments of the government under classes as follows: Class 4—Drugs Medicines & Chemicals; Class 8—colors, pigments, linseed oil and gold leaf

BENZOL—Bids are wanted February 5, cir. 18, by the chemical warfare service, Edgewood Arsenal, Md., for 1,320 gals. water white benzol.

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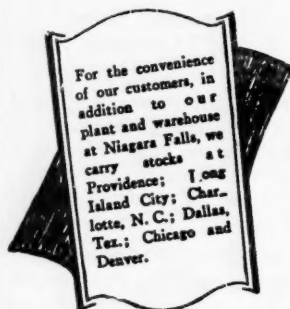
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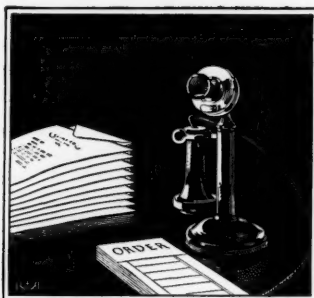
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Wishnick-Tumpeier Chemical Co.	448
Wrackmeyer & Co.	434

After five years of writing
a \$40,000 order
on the *first* long distance call



FOR 5 YEARS a New York concern wrote a southern construction company trying to get a first order for finished material in car-load lots. Twice each year the sales manager mailed prices that he knew were right. No response. Finally, when the semi-annual request for quotations came in, he reached for his telephone and got the purchasing agent, a thousand miles away, on the wire. Prices and conditions were discussed and he took the order then and there. It amounted to \$40,000!

IN THOUSANDS of businesses today the long distance telephone is getting results that otherwise would be lost. Long Distance cuts out waiting and gets the answer. It gets immediate consideration for important matters. It gets past closed doors, for its mission is obviously to serve. Many times Long Distance gets first orders where all other means have repeatedly failed to get an audience.

Have you studied your own business to see how many telephone opportunities are being neglected? Is the telephone used only in an emergency, or are your department heads and the members of your sales staff trained to use Long

Distance regularly to cut expense, to make sales or purchases that otherwise could not be made? Long Distance has a place on the program of every business that has or wants more than a local territory.

The Commercial Department of the Bell company will gladly, upon call, make a study of your business and suggest a regular plan for long distance calls. In the meantime, what far-distant man or concern would you like to talk to? The telephone on your desk will connect you, just as it does with anyone wanted in the next town or the next building. *Number, please?*

BELL LONG DISTANCE SERVICE





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Chemicals, Dyestuffs, Drugs, and Fatty Oils
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Each week key executives in many industries who control the chemical processes and chemical purchases of equipment and raw materials post themselves on chemical industrial matters by reading the paper which gives them this information promptly, accurately, and in most convenient form.

In This Issue How the Flexible By C. R. YIPANY

